

18/45492

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5819292

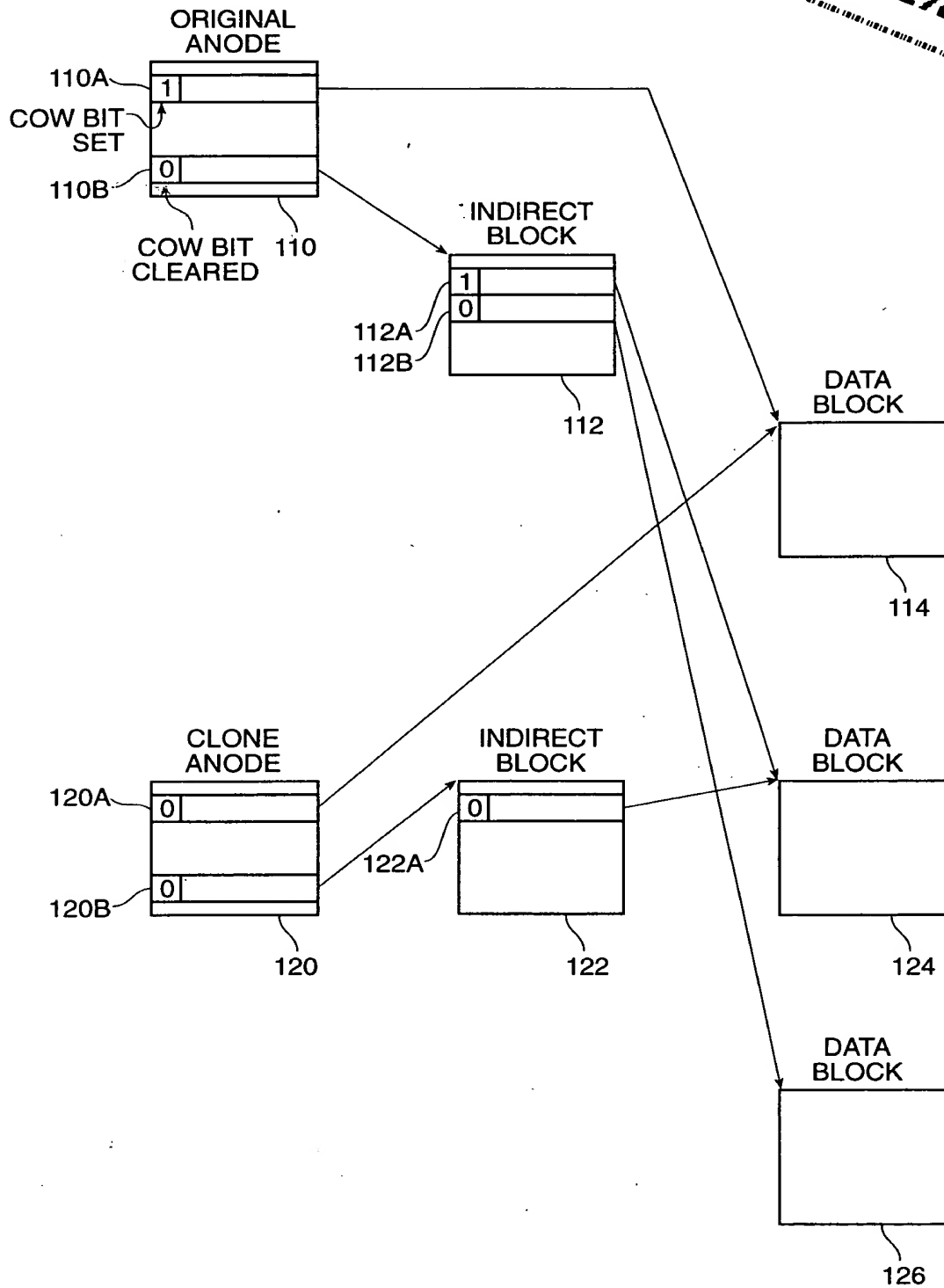


FIG. 1
PRIOR ART

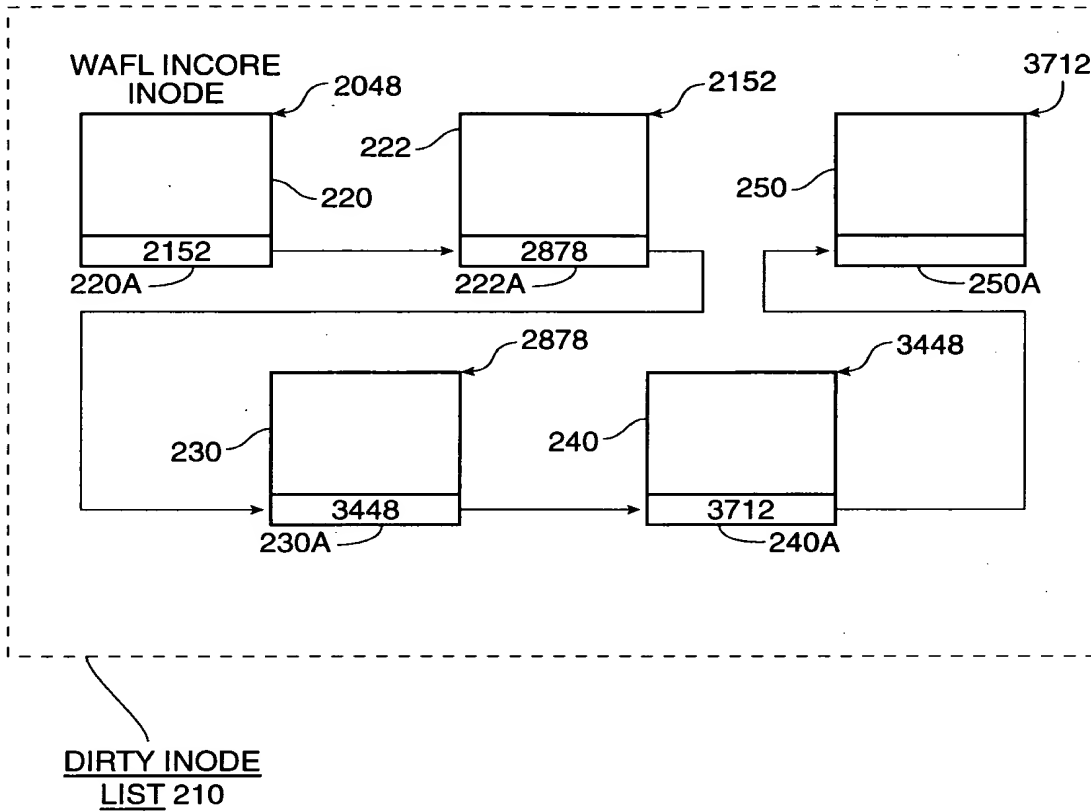


FIG. 2

ON-DISK INODE

16 BLOCK
NUMBERS HAVING
SAME LEVEL OF
INDIRECTION 310B

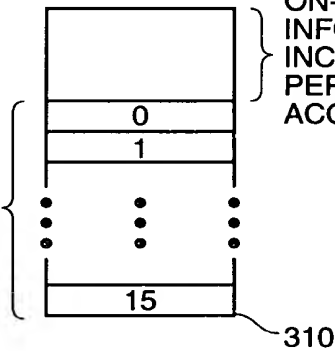


FIG. 3

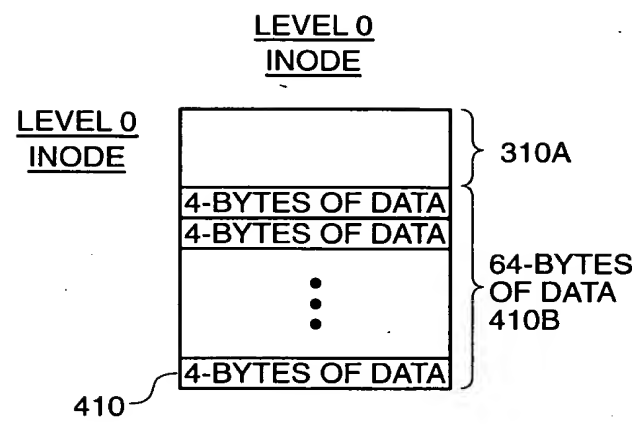


FIG. 4A

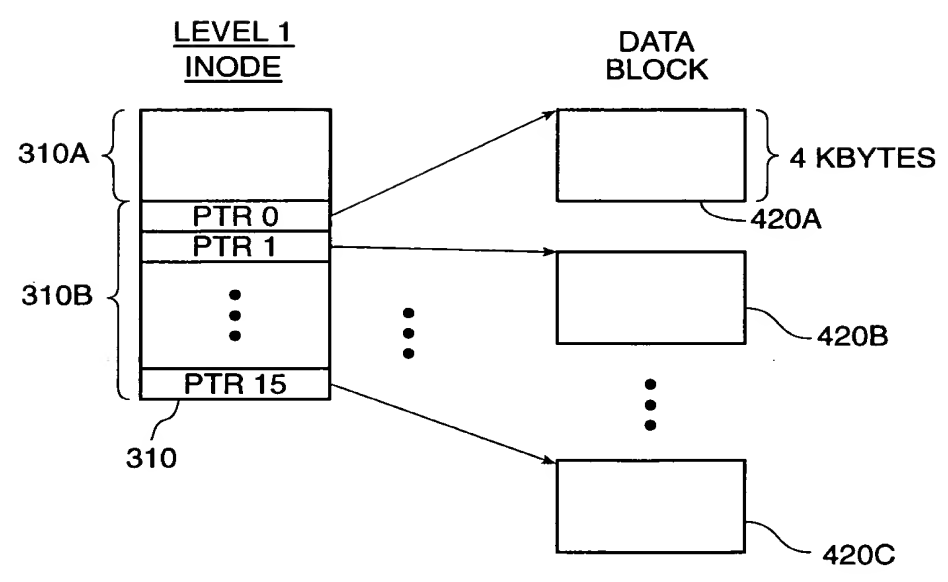


FIG. 4B

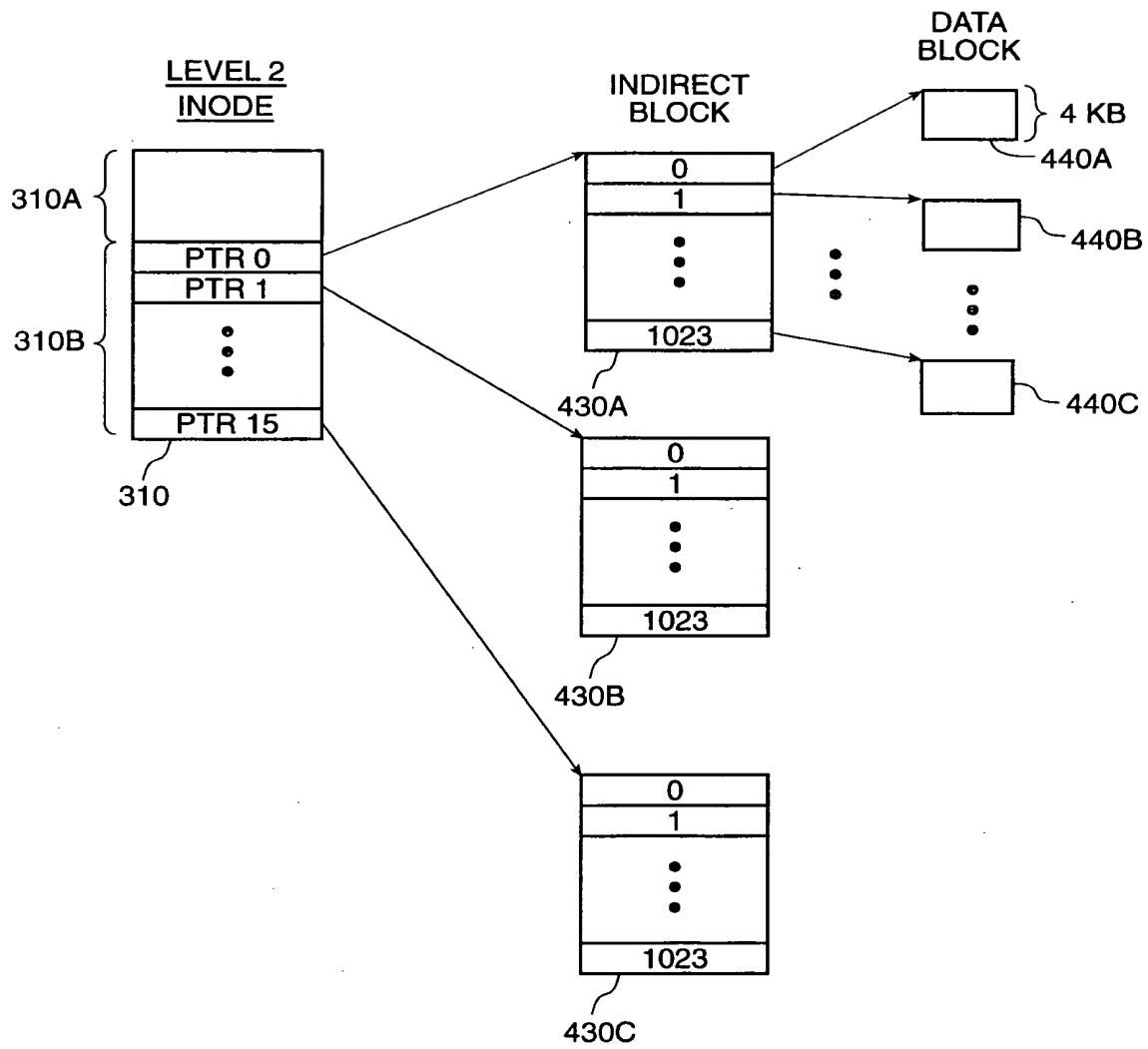


FIG. 4C

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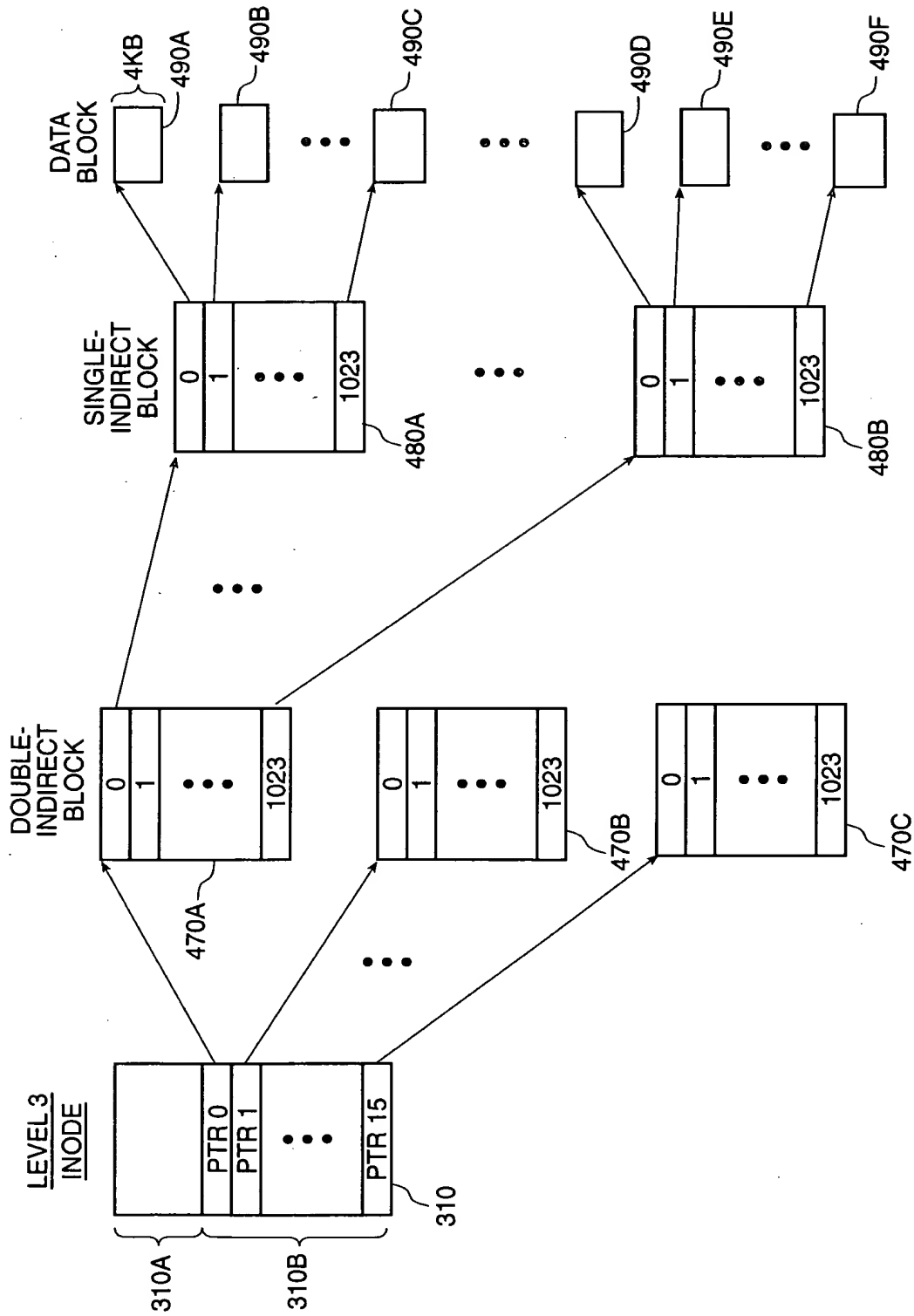


FIG. 4D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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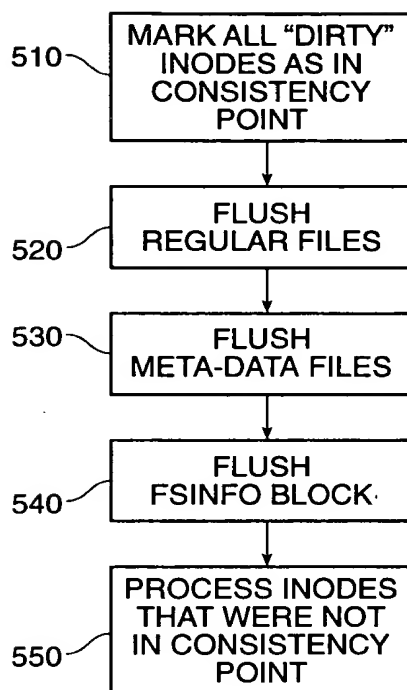


FIG. 5

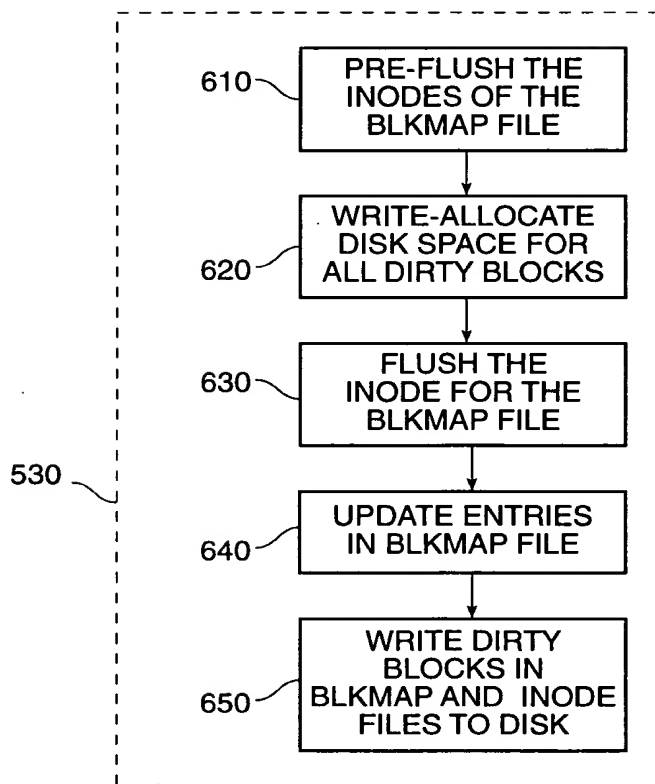


FIG. 6

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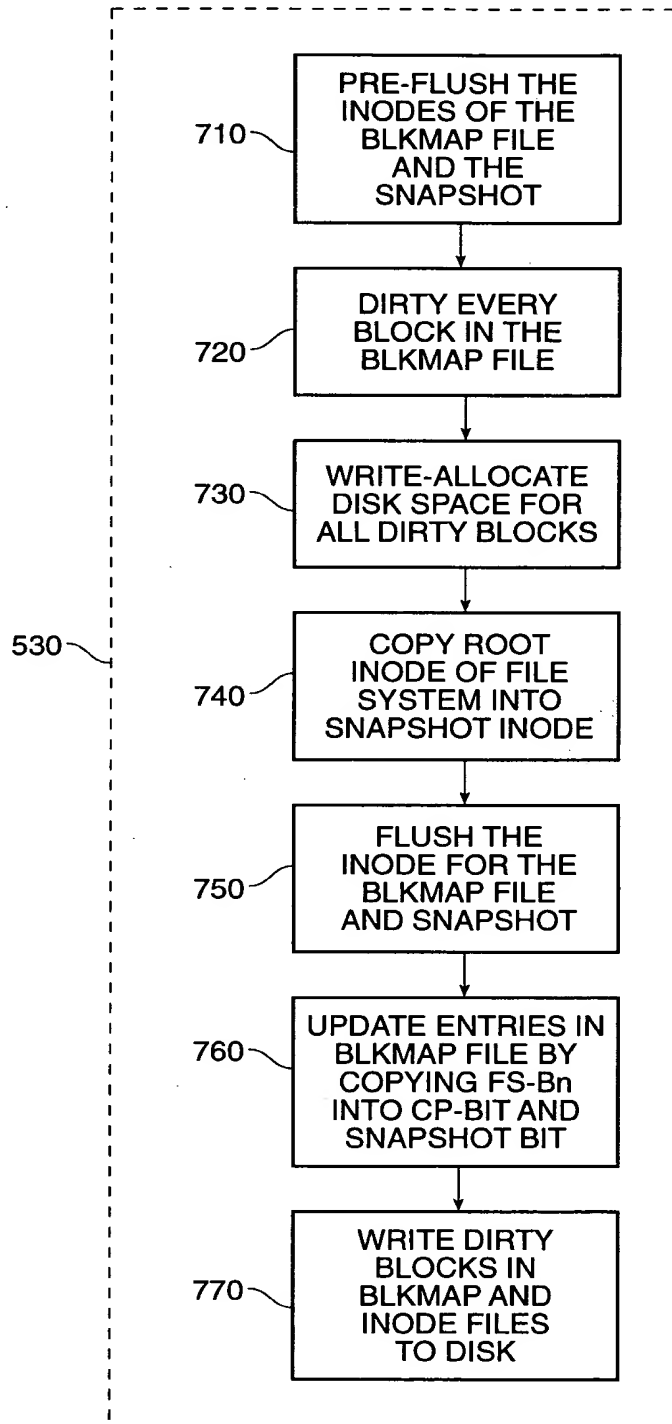


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

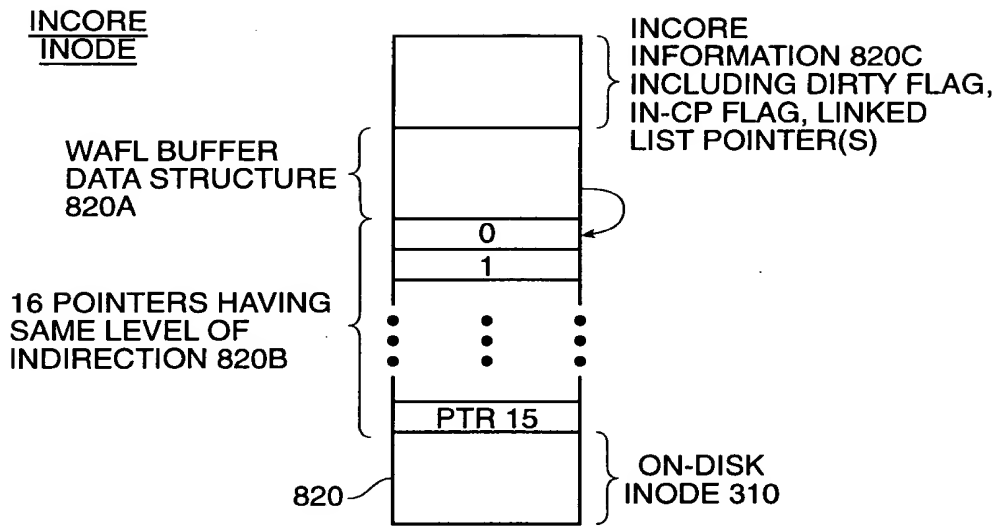


FIG.8

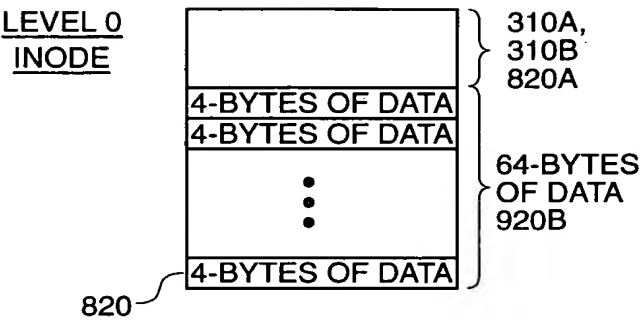


FIG. 9A

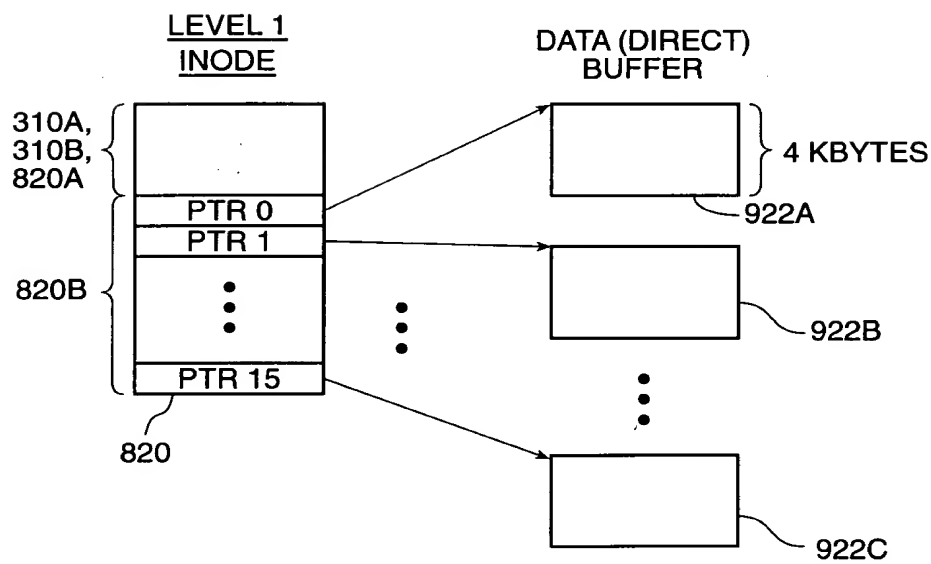


FIG. 9B

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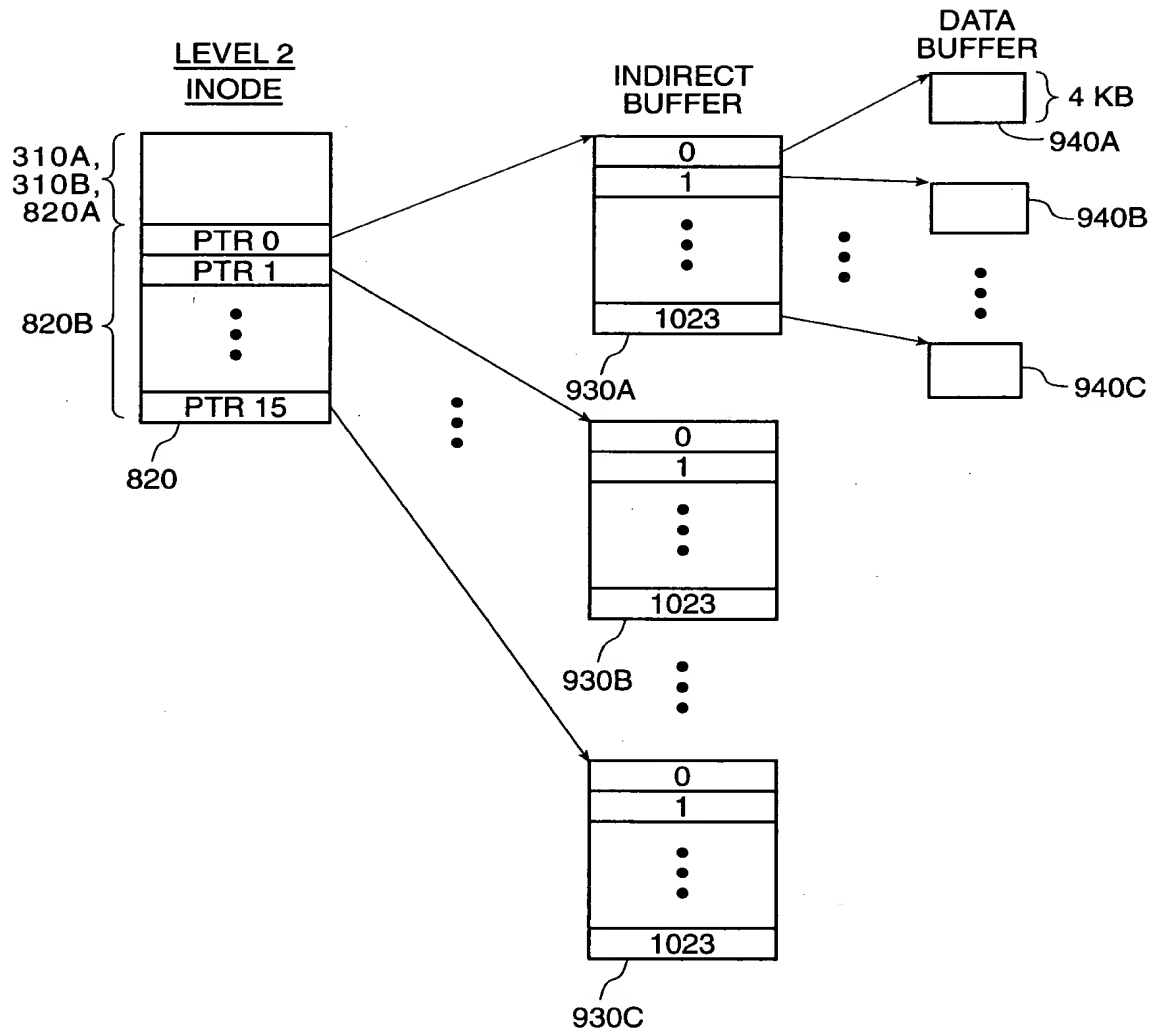


FIG. 9C

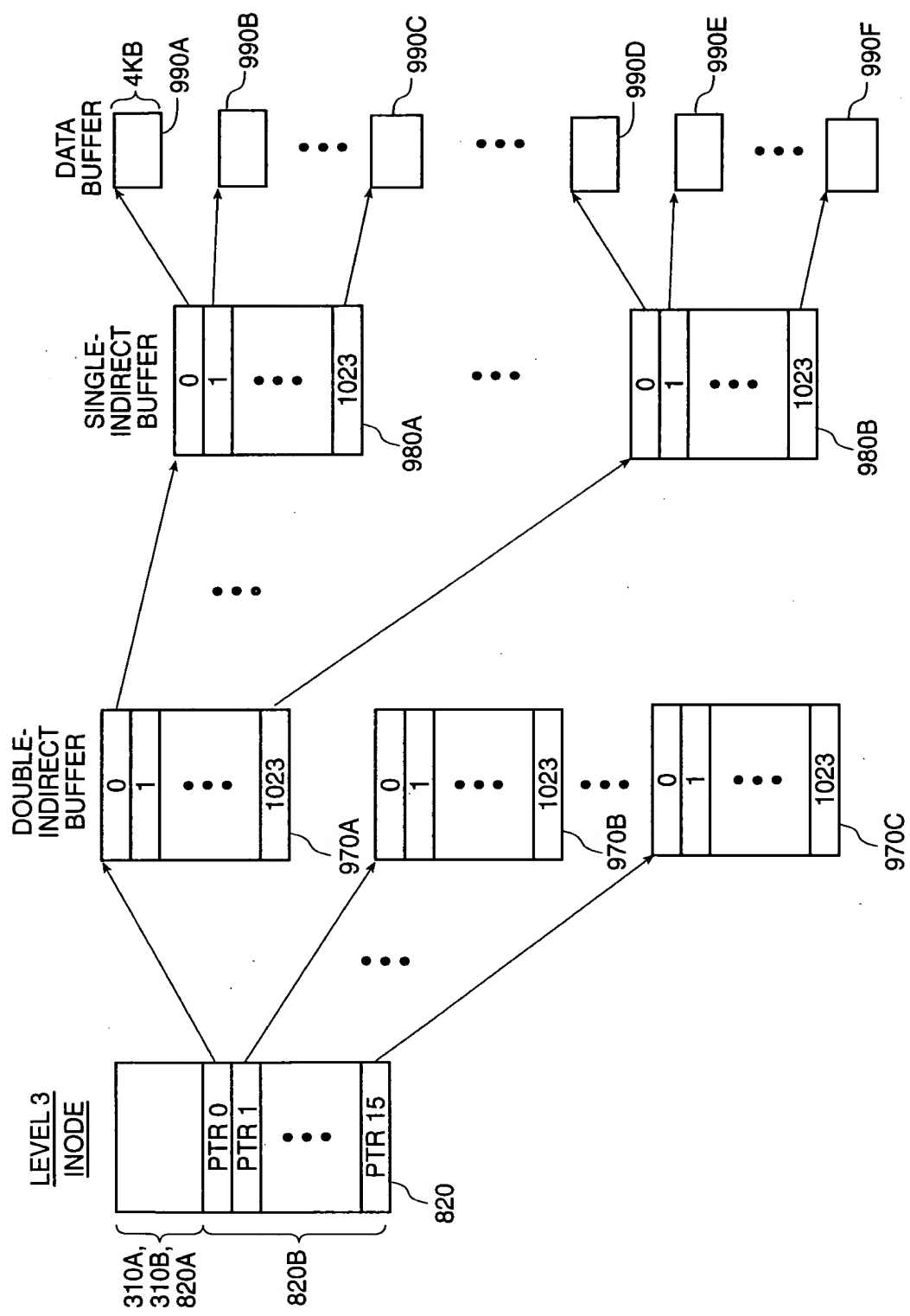


FIG. 9D

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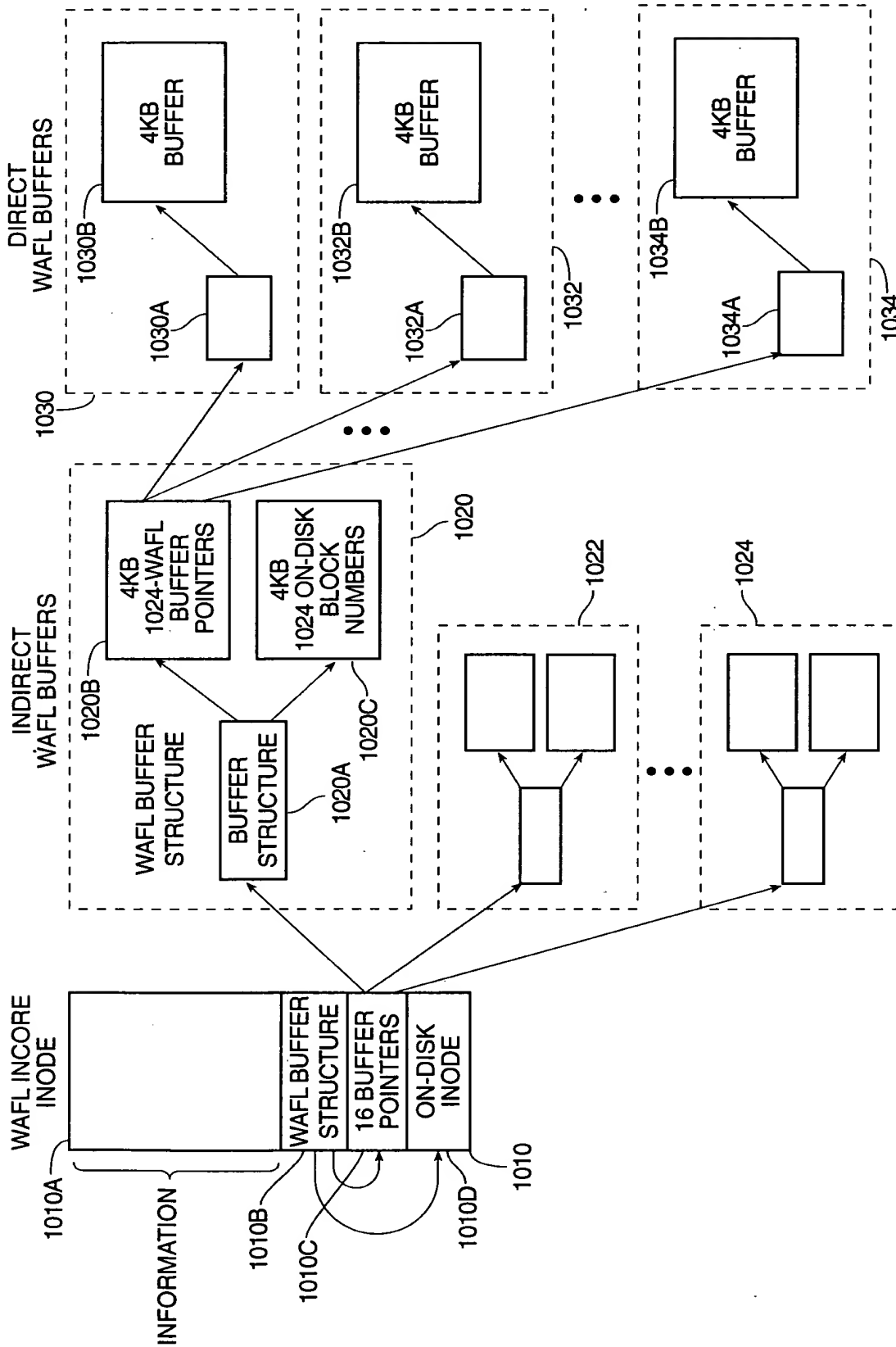


FIG. 10

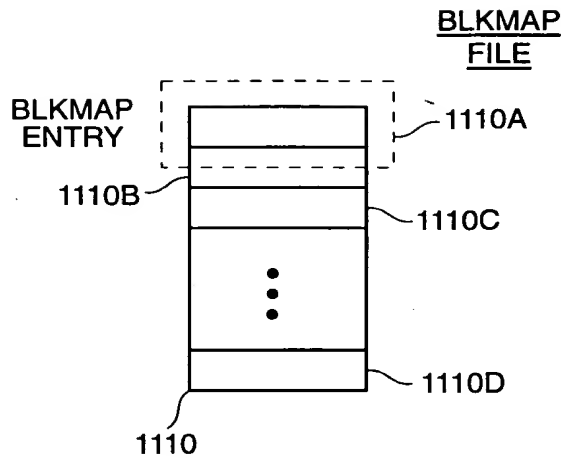


FIG. 11A

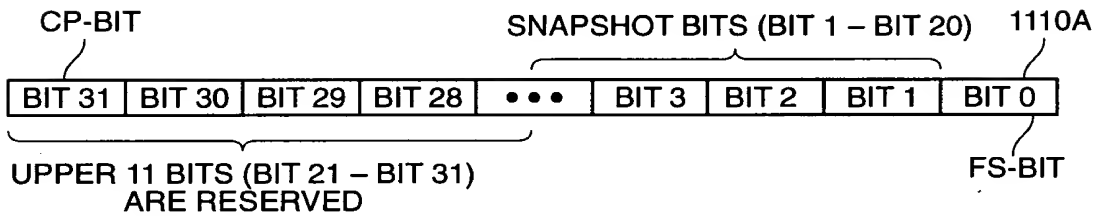


FIG. 11B

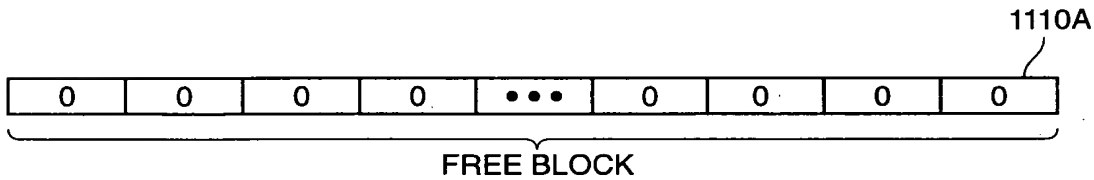


FIG. 11C

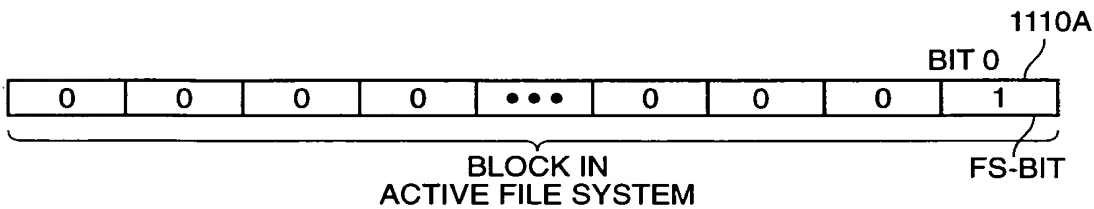


FIG. 11D

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INODE
FILE

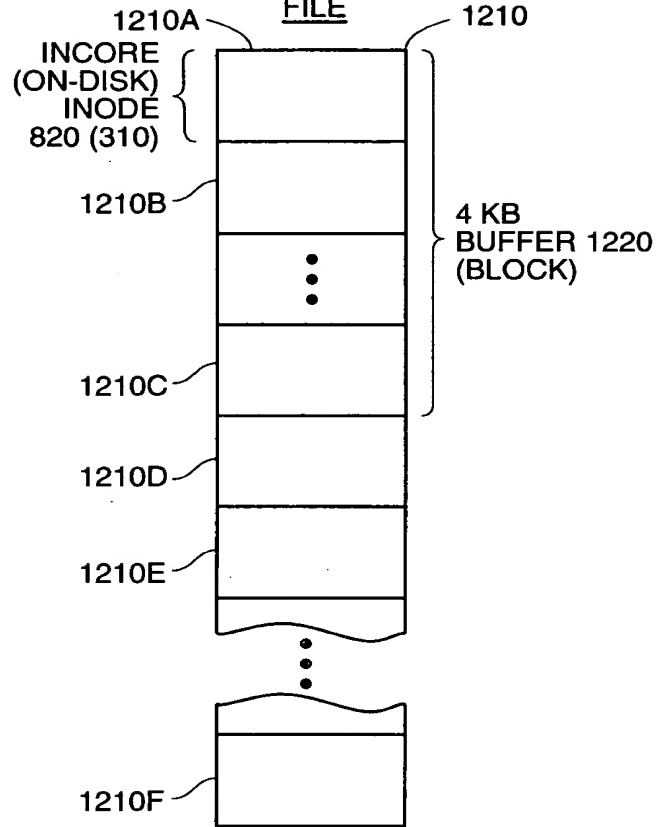


FIG. 12

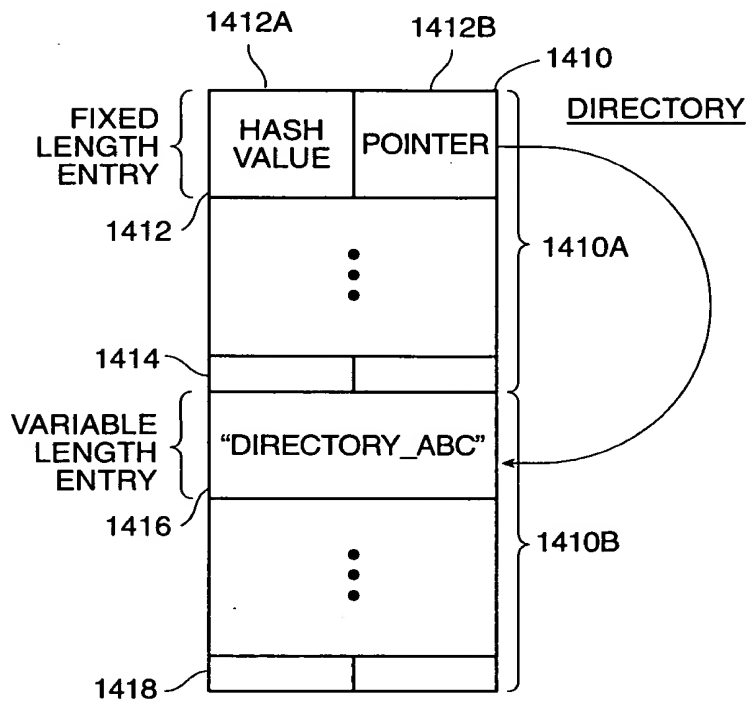


FIG. 14

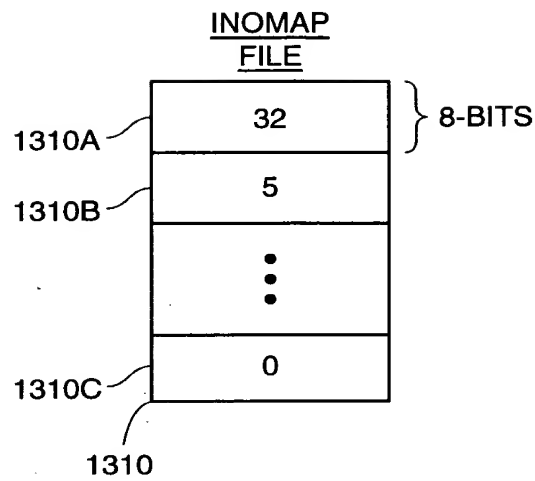


FIG. 13A

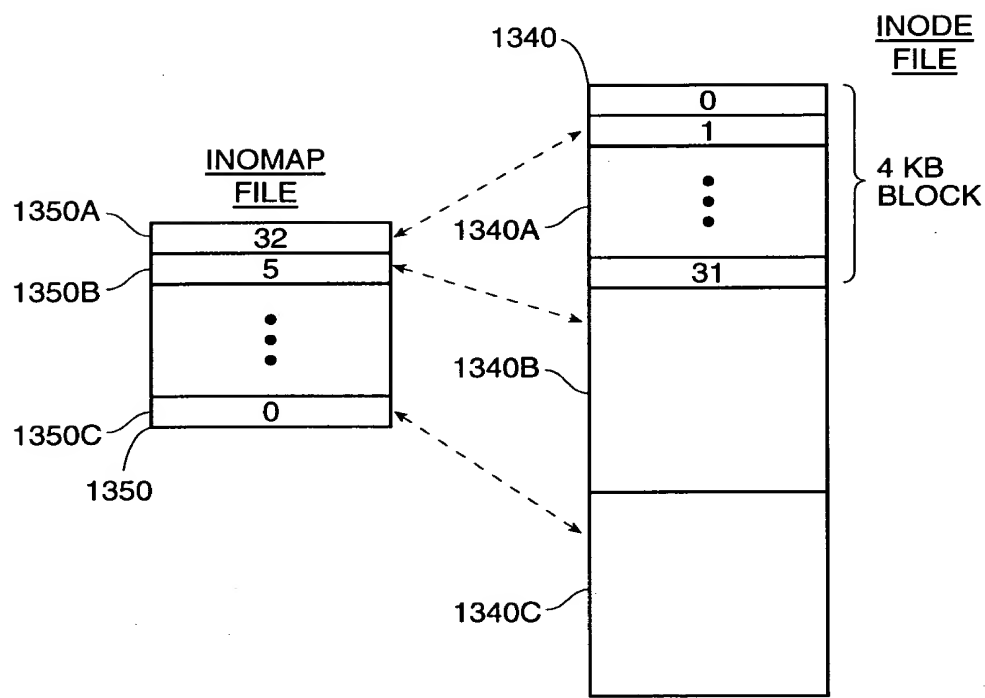


FIG. 13B

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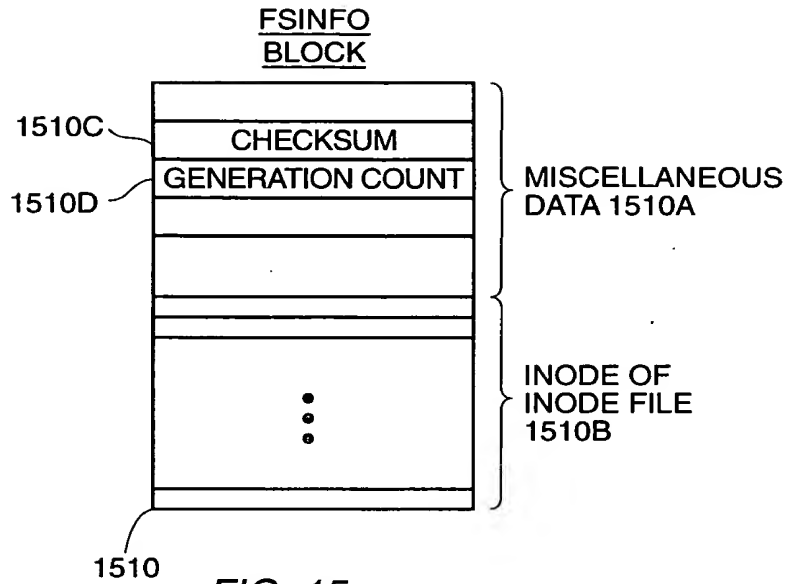


FIG. 15

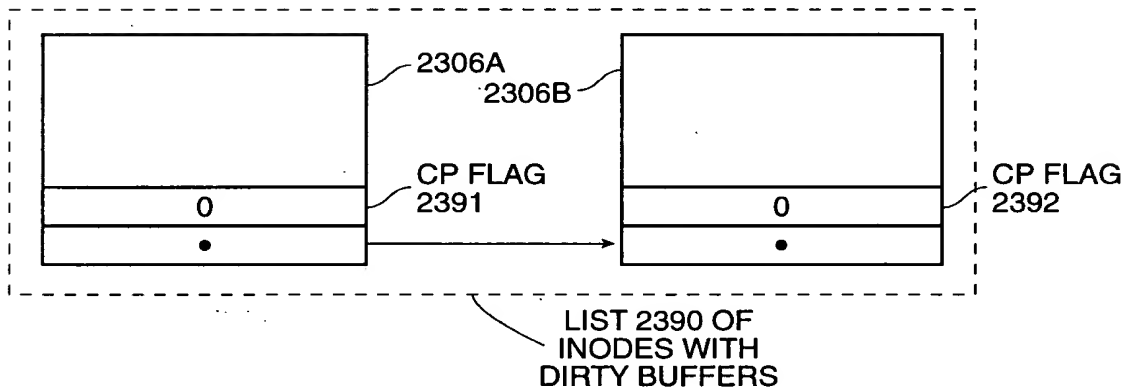


FIG. 17A

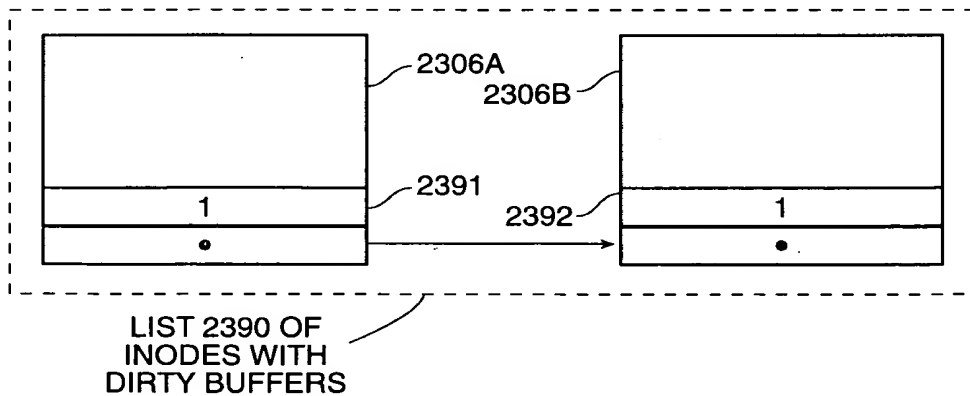


FIG. 17I

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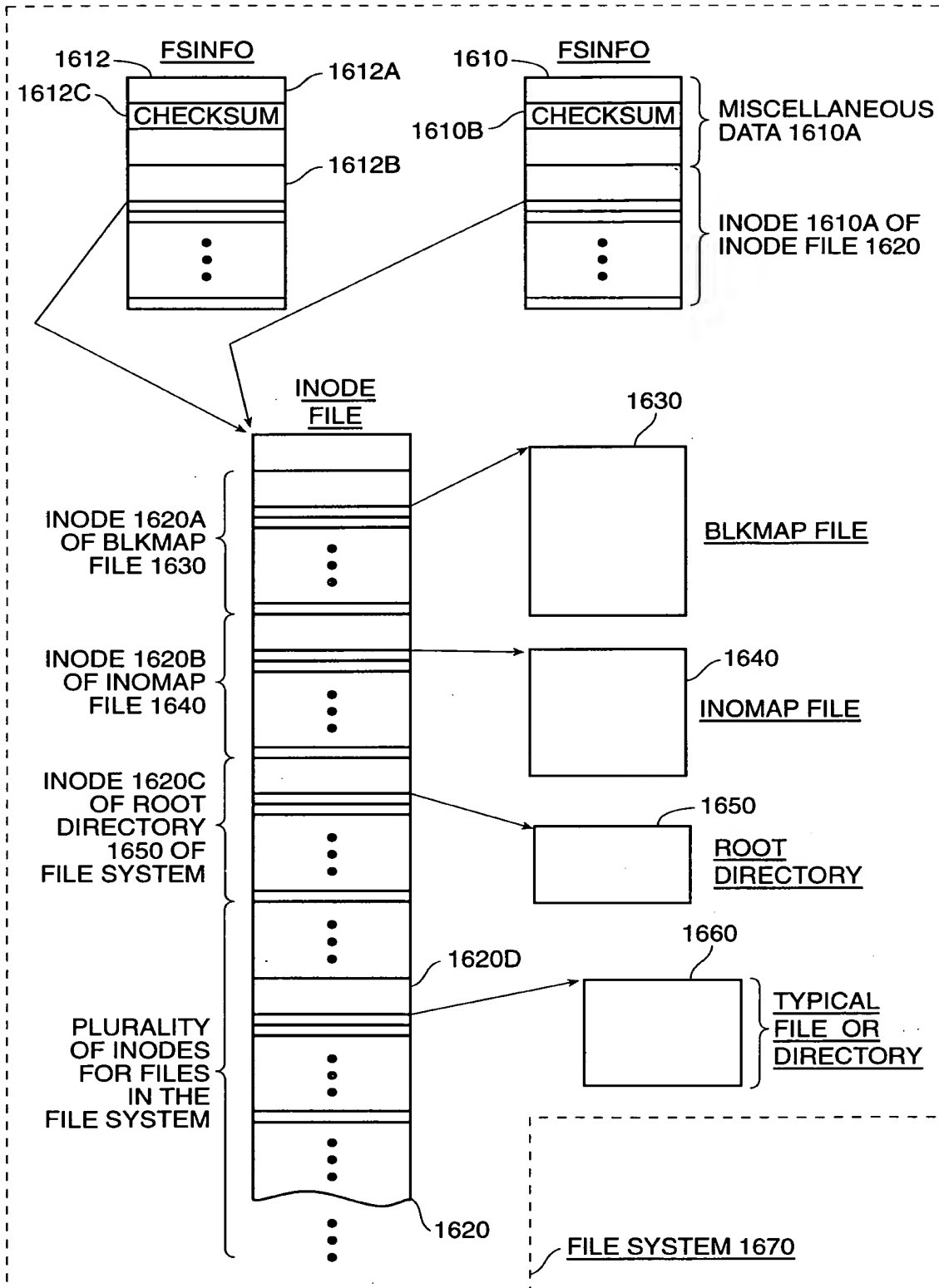


FIG. 16

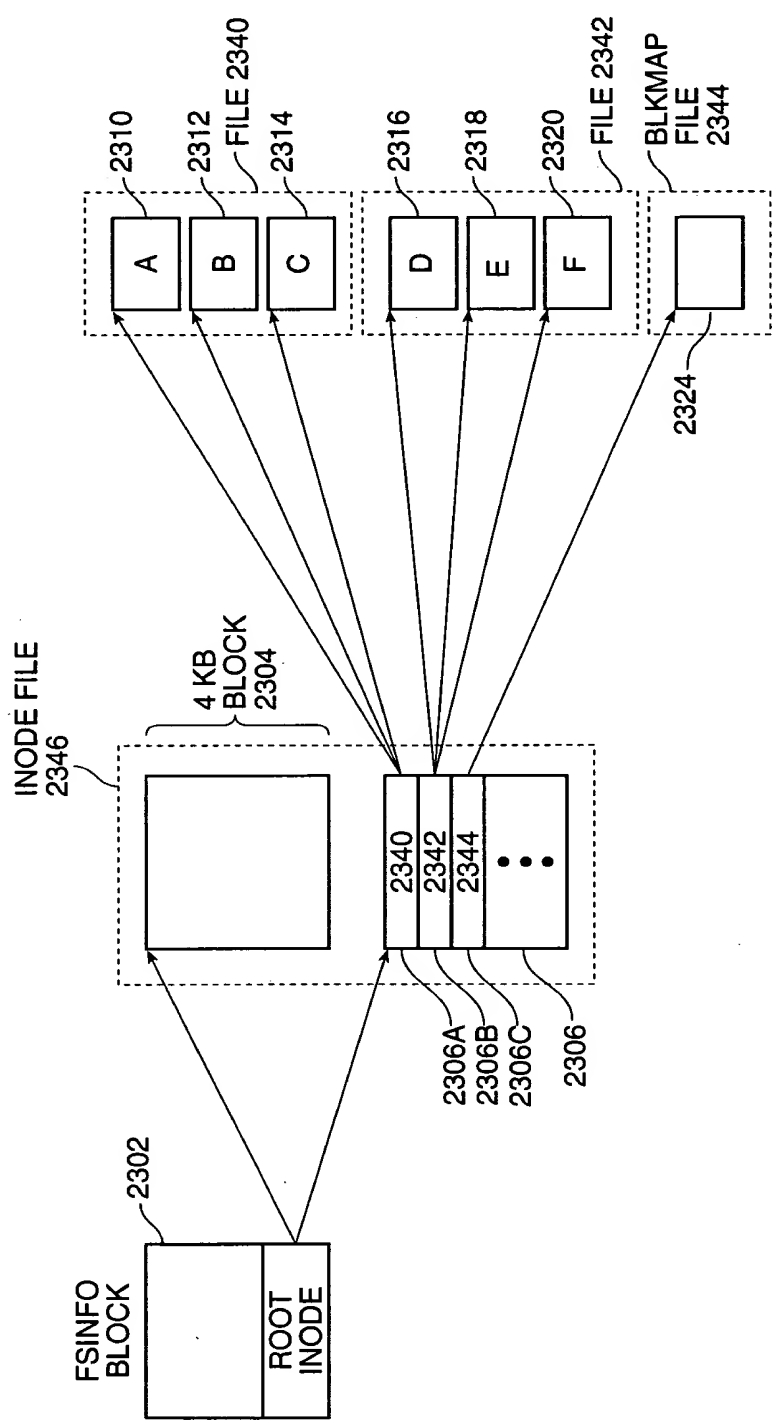


FIG. 17B

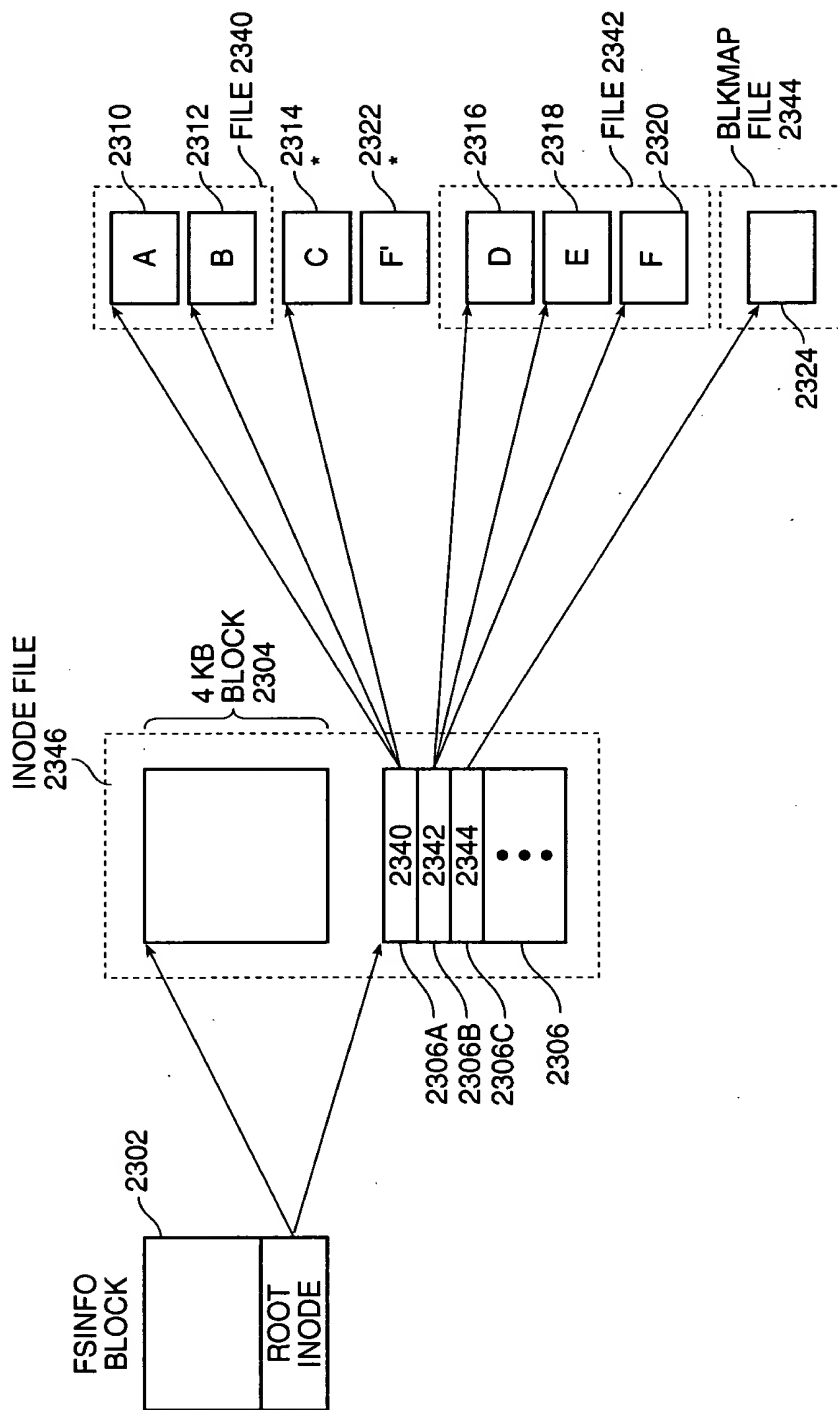


FIG. 17C

	BIT 31 (CP-BIT)		BIT 1	BIT 0 (FS-BIT)	
2304	1	...	1	1	2324A
2306	1	...	1	1	2324B
2308	0	...	0	0	2324C
2310	1	...	1	1	2324D
2312	1	...	1	1	2324E
2314	1	...	1	0	2324F
2316	1	...	1	1	2324G
2318	1	...	1	1	2324H
2320	1	...	1	1	2324I
2322	0	...	0	0	2324J
2324	1	...	1	1	2324K
2326	0	...	0	0	2324L
2328	0	...	0	0	2324M
		⋮			

4 KB
BLOCK
2324

FIG. 17D

BLOCK #	BIT 31 (CP-BIT)		BIT 1	BIT 0 (FS-BIT)	
2304	1	...	1	1	2326A
2306	0	...	1	0	2326B
2308	1	...	0	1	2326C
2310	1	...	1	1	2326D
2312	1	...	1	1	2326E
2314	0	...	1	0	2326F
2316	1	...	1	1	2326G
2318	1	...	1	1	2326H
2320	0	...	1	0	2326I
2322	1	...	0	1	2326J
2324	0	...	1	0	2326K
2326	1	...	0	1	2326L
2328		...			
		⋮			

4 KB
BLOCK
2326

FIG. 17J

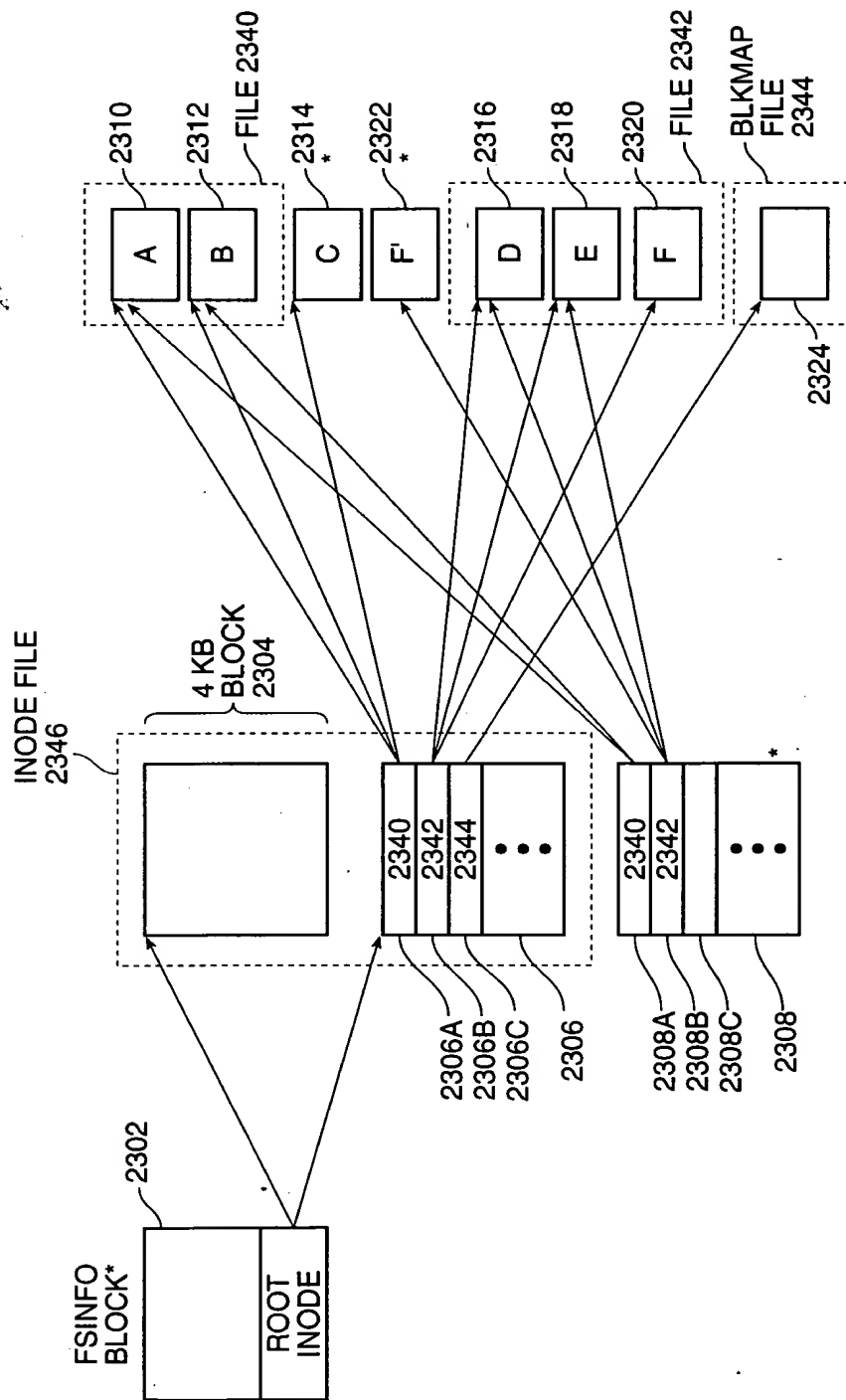


FIG. 17E

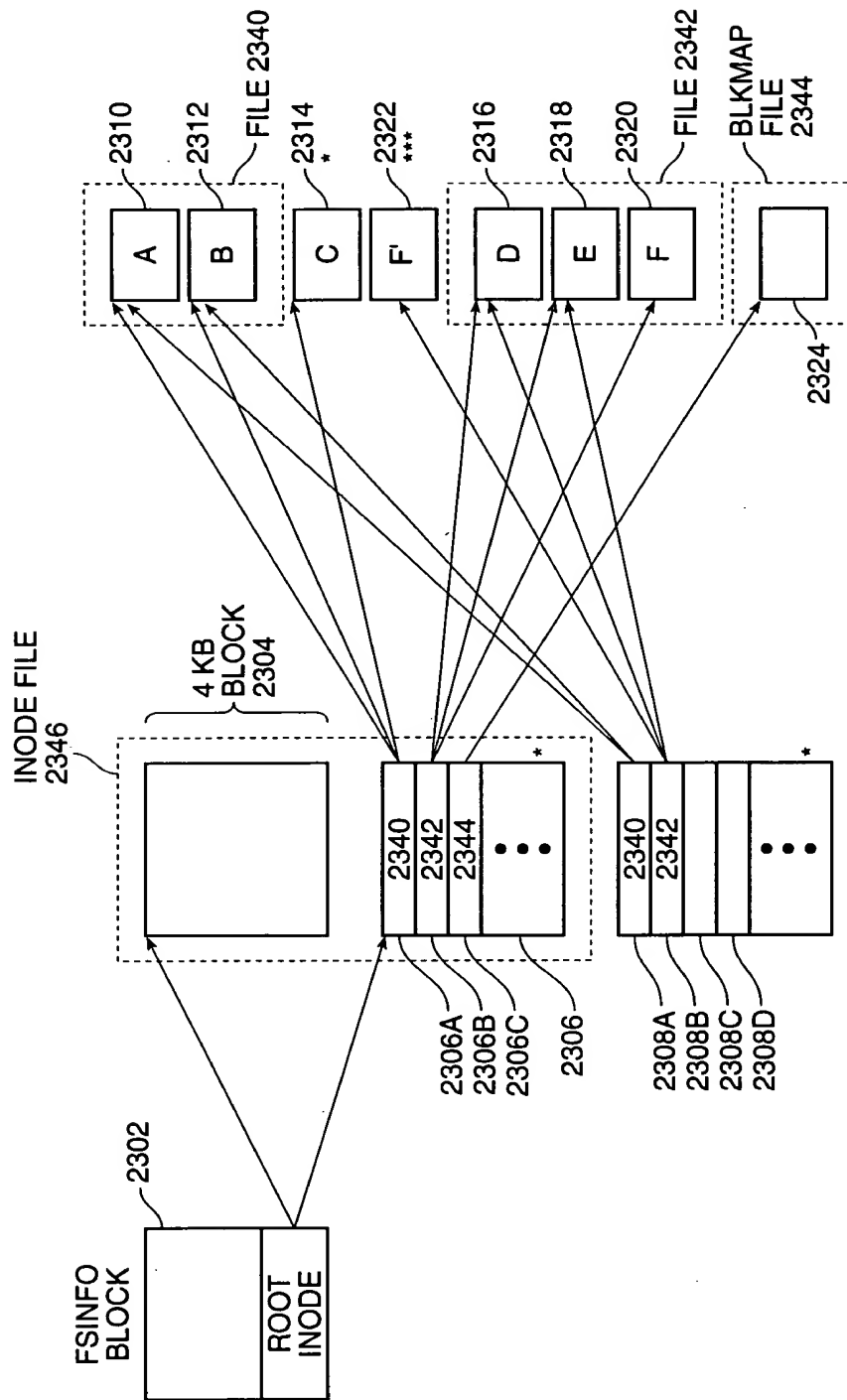


FIG. 17F

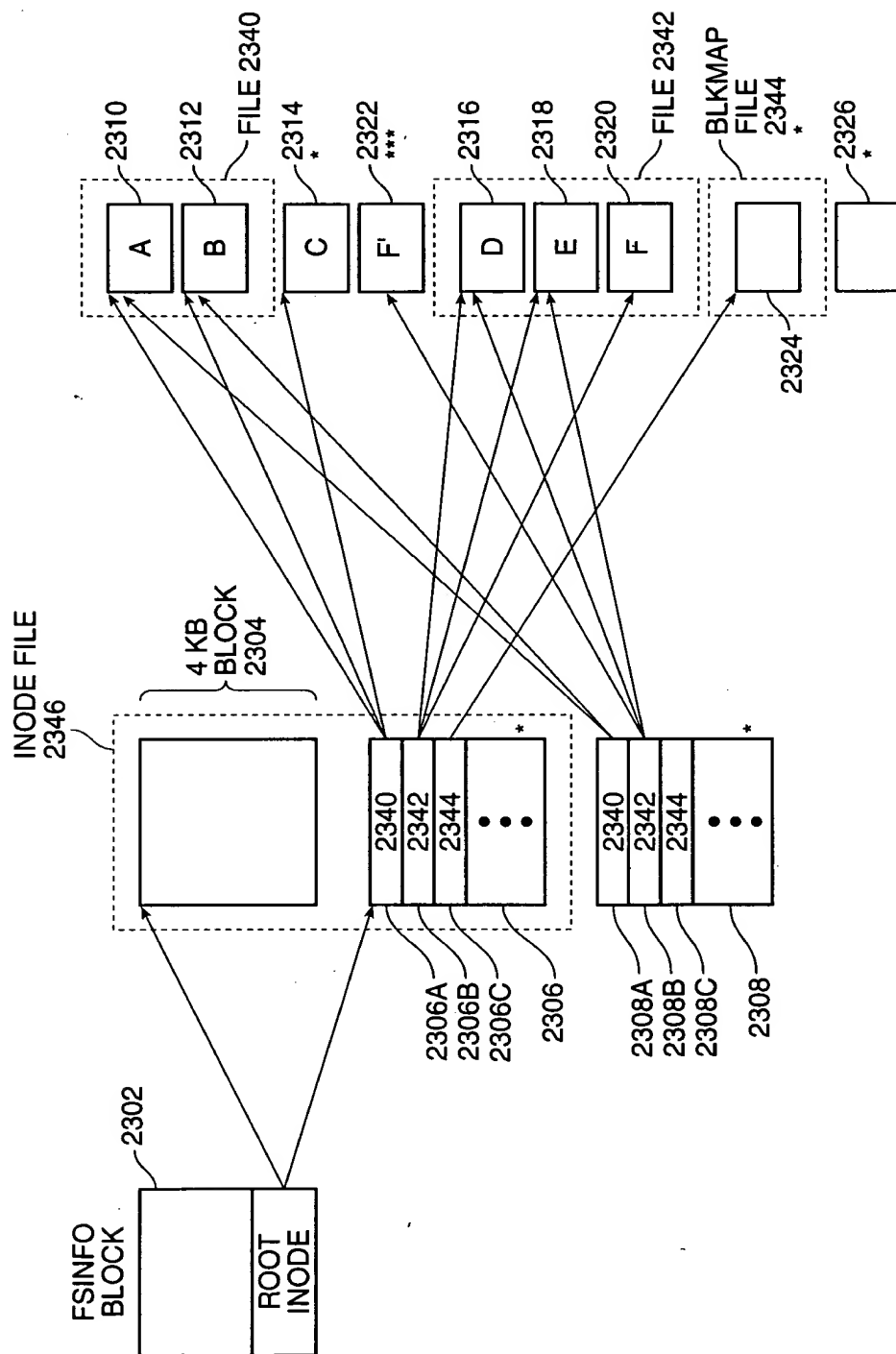


FIG. 17G

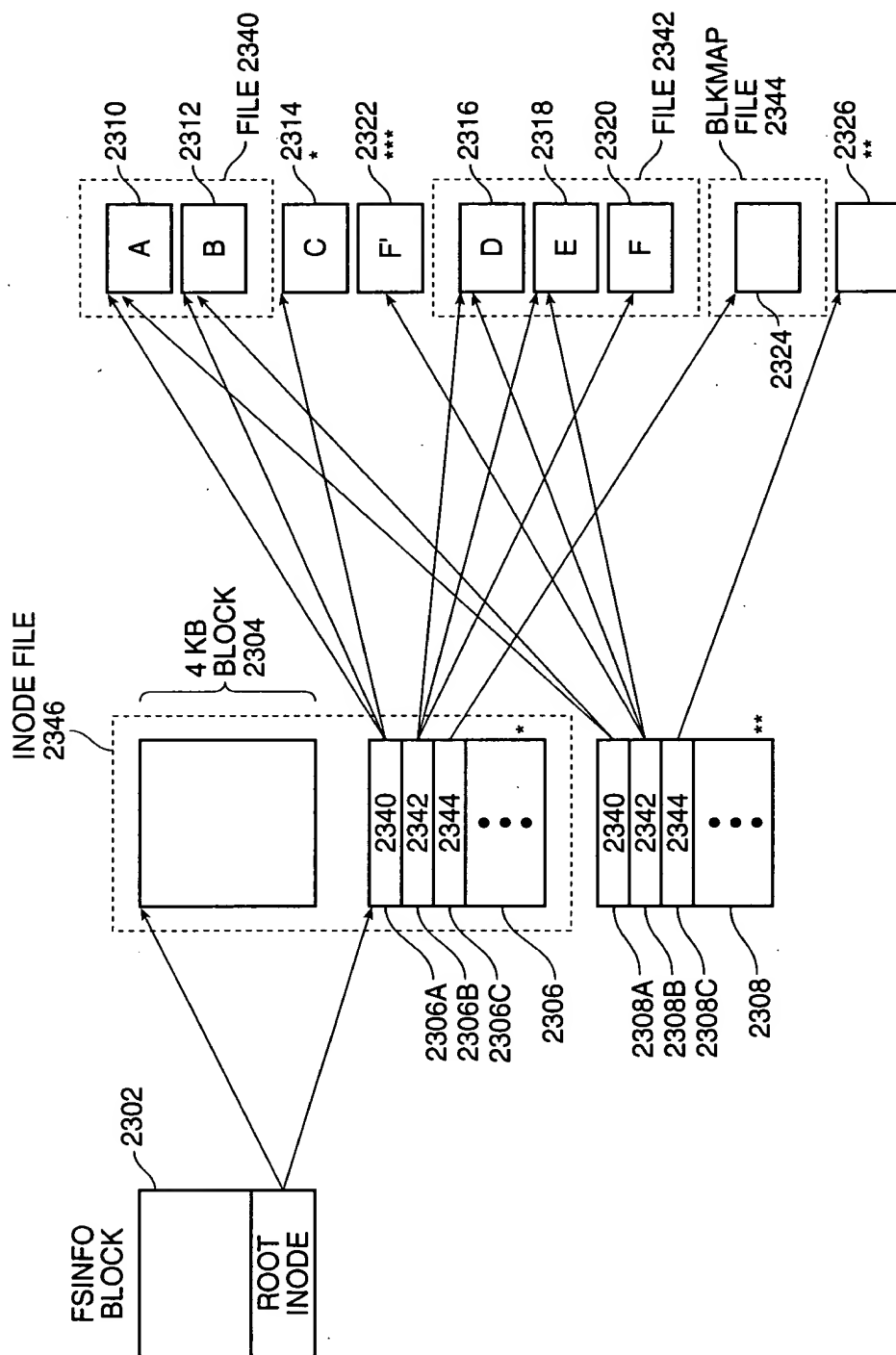


FIG. 17H

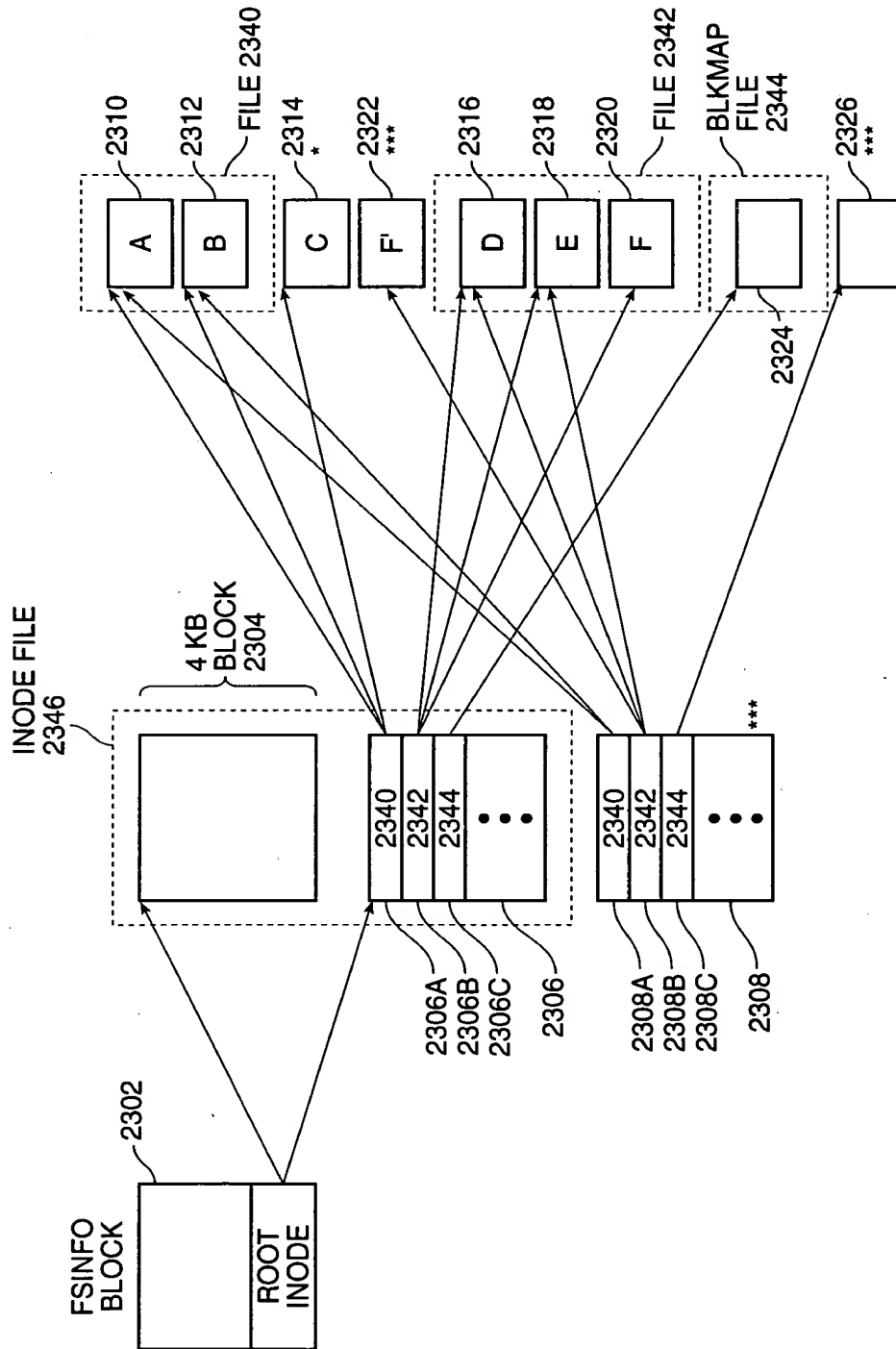


FIG. 17K

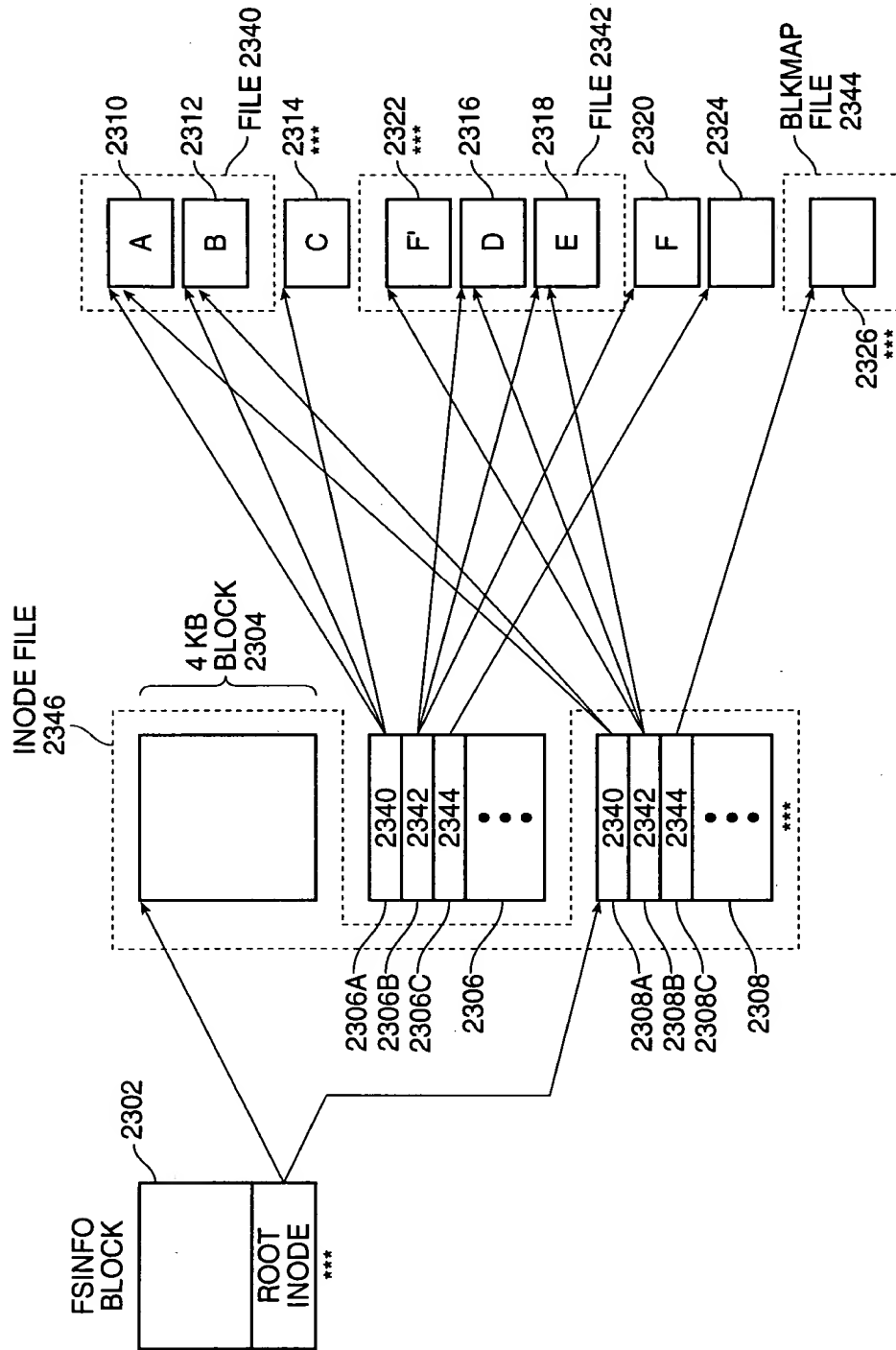


FIG. 17L

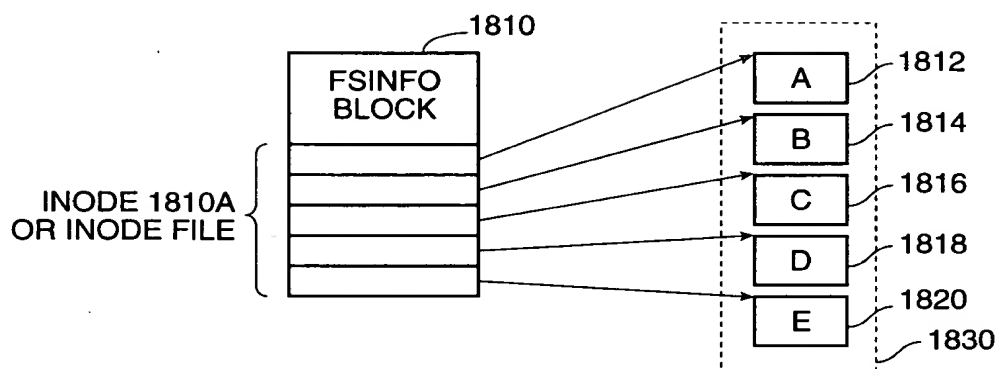


FIG. 18A

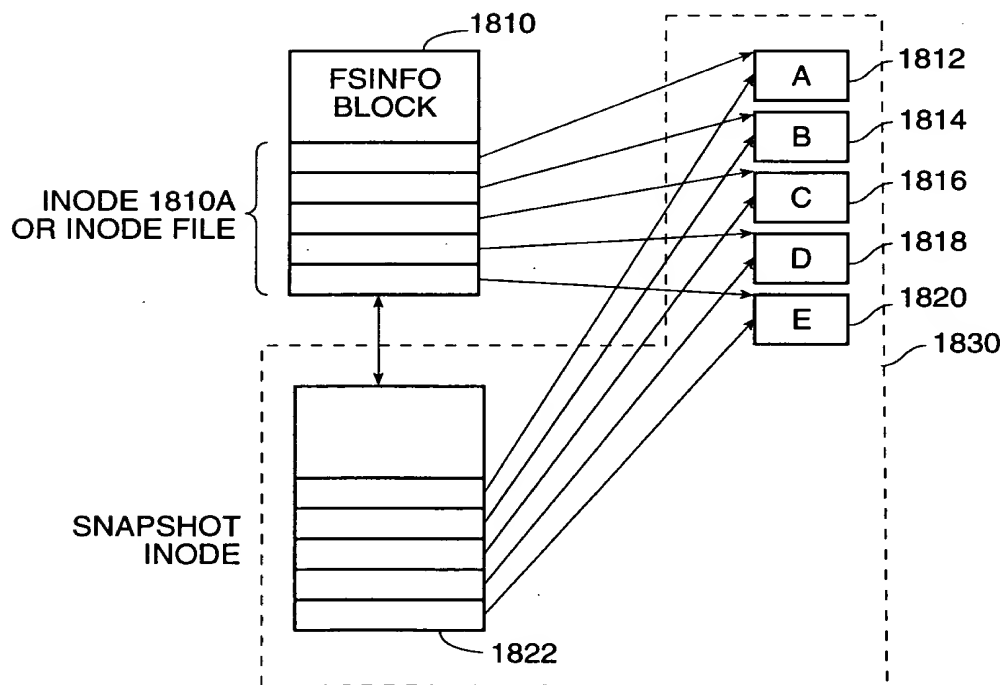


FIG. 18B

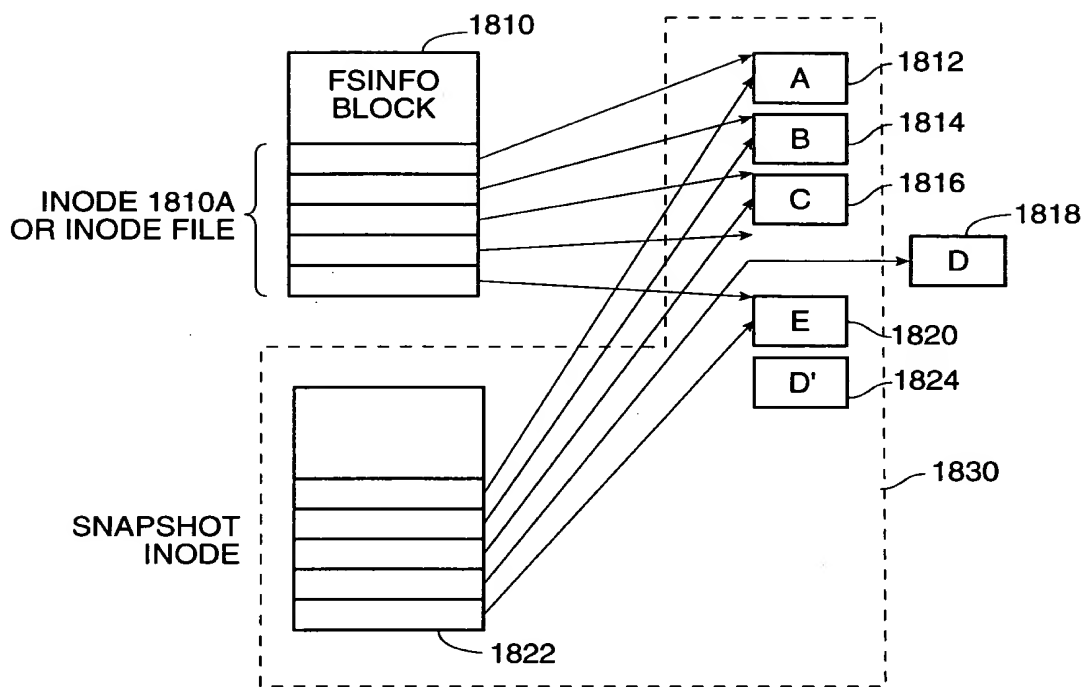


FIG. 18C



FIG. 19

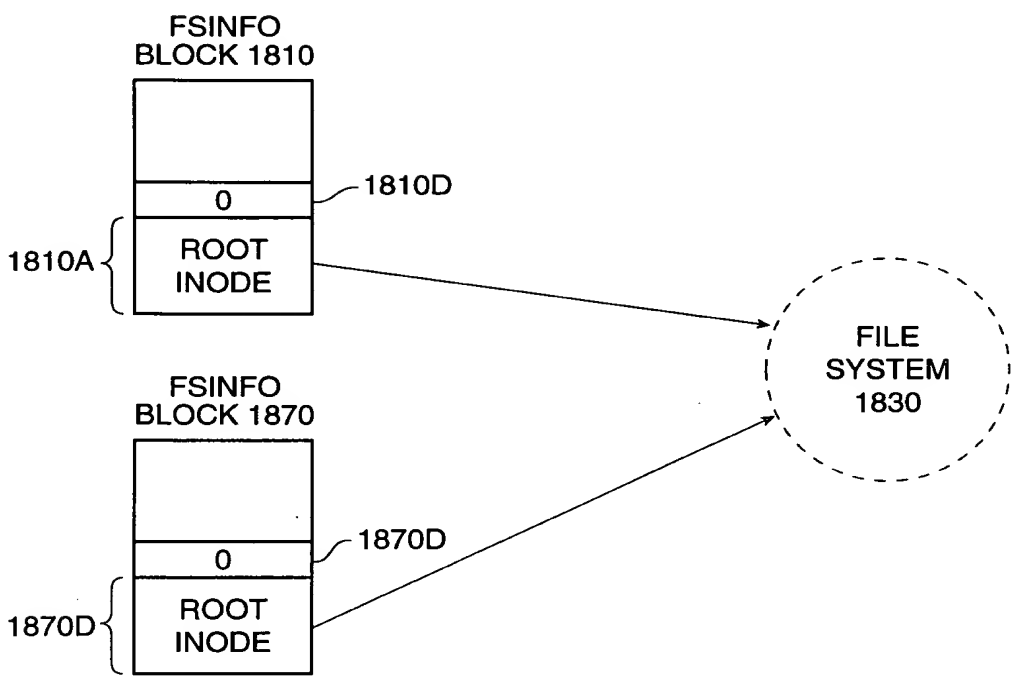


FIG. 20A

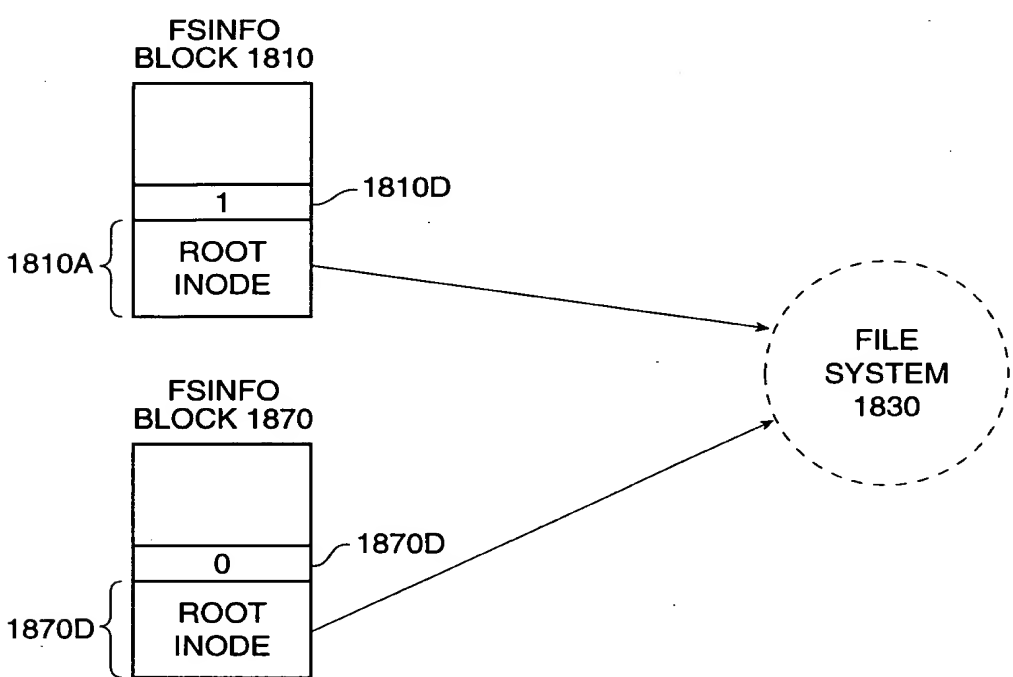


FIG. 20B

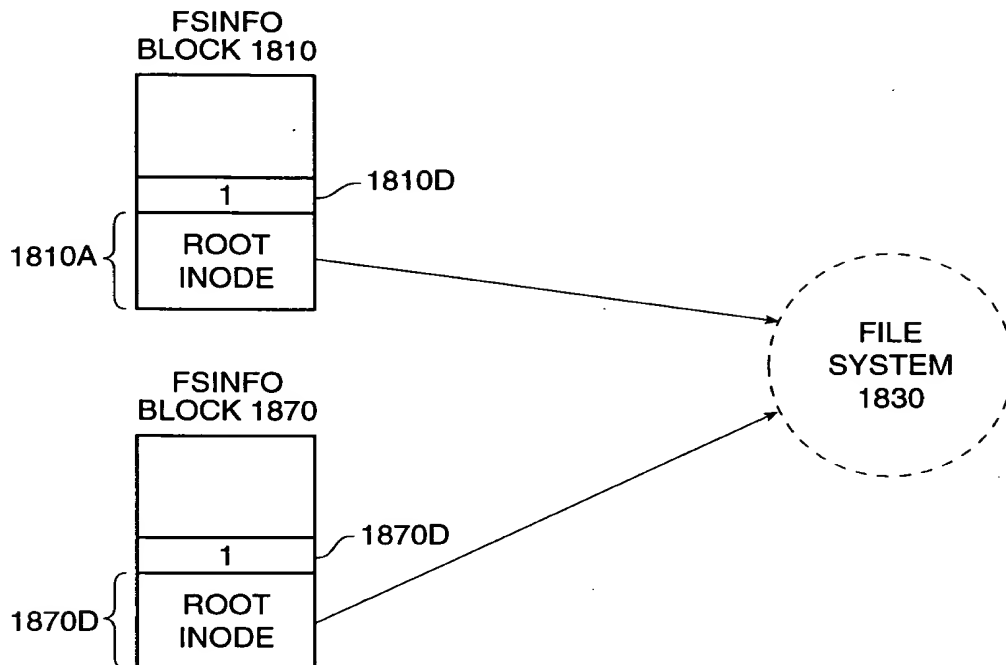


FIG. 20C

BLOCK #	BIT 31 (CP-BIT)	SNAPSHOT 2 BIT	BIT 2	BIT 1	BIT 0 (FS-BIT)	
2304	1	...	1	1	1	2326A
2306	0	...	0	1	0	2326B
2308	1	...	1	0	1	2326C
2310	1	...	1	1	1	2326D
2312	1	...	1	1	1	2326E
2314	0	...	0	1	0	2326F
2316	1	...	1	1	1	2326G
2318	1	...	1	1	1	2326H
2320	0	...	0	1	0	2326I
2322	1	...	1	0	1	2326J
2324	0	...	0	1	0	2326K
2326	1	...	1	0	1	2326L
2328		...				
		...				

4 KB BLOCK 2326

FIG. 21E

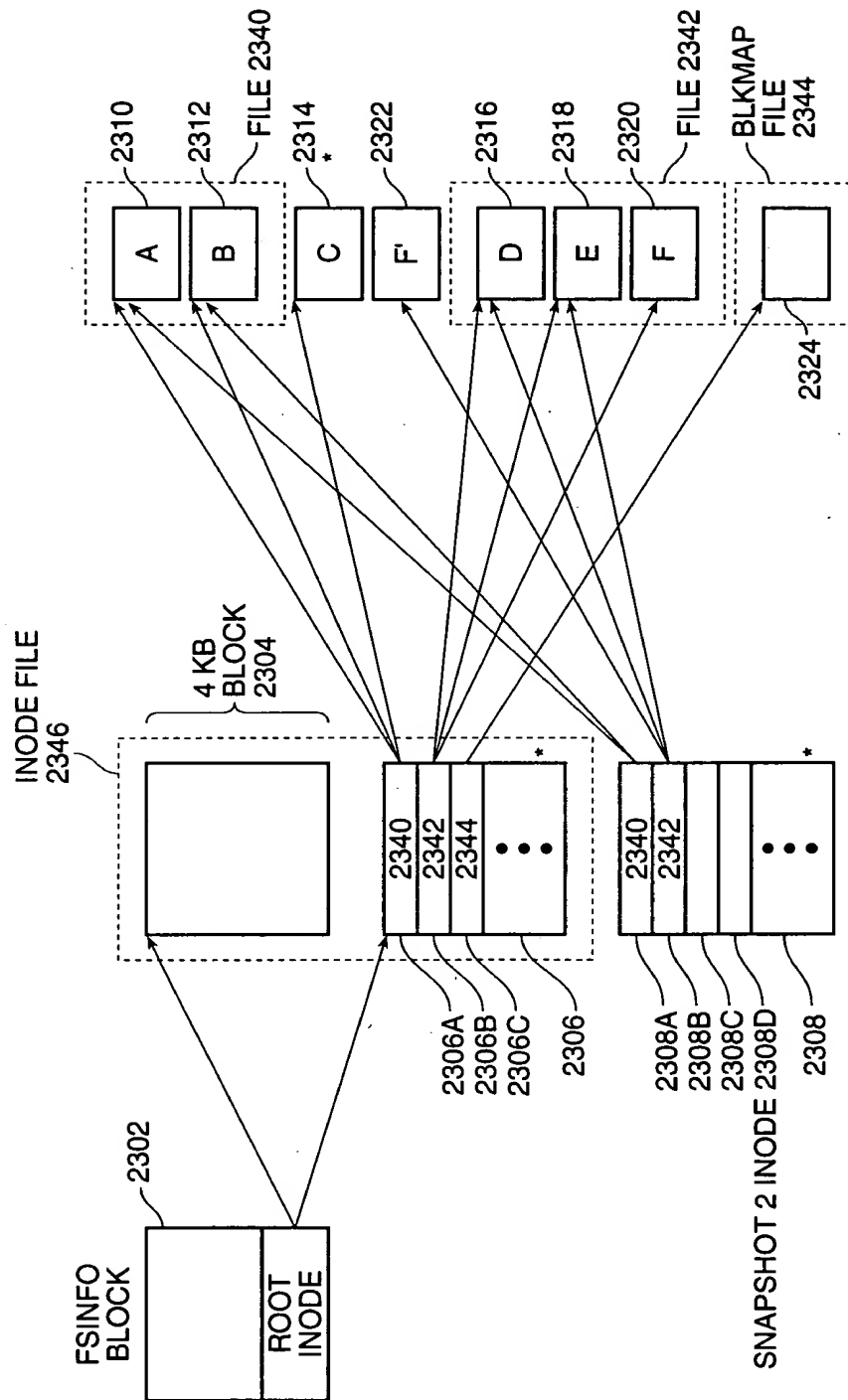


FIG. 21A

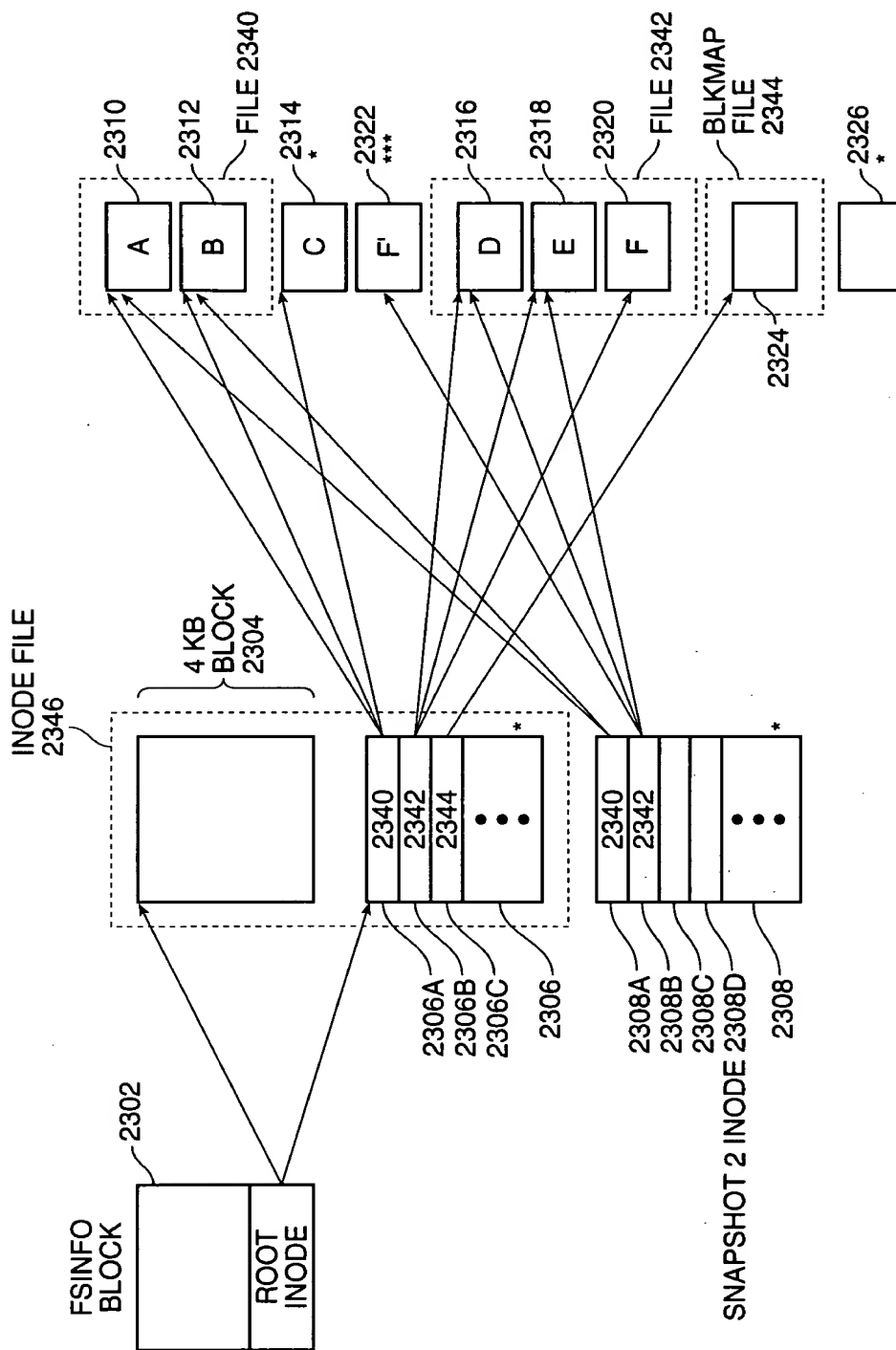


FIG. 21B

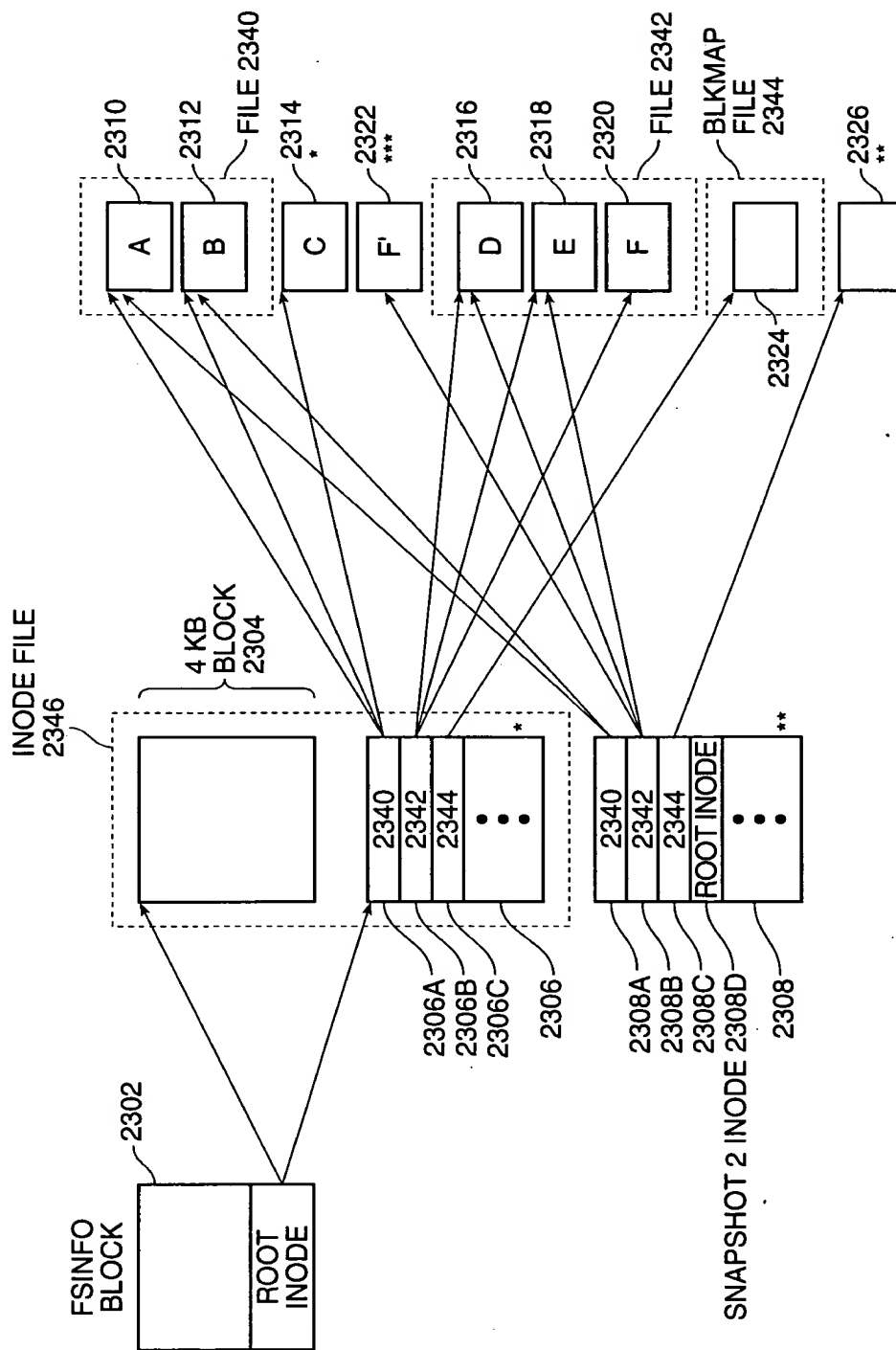


FIG. 21C

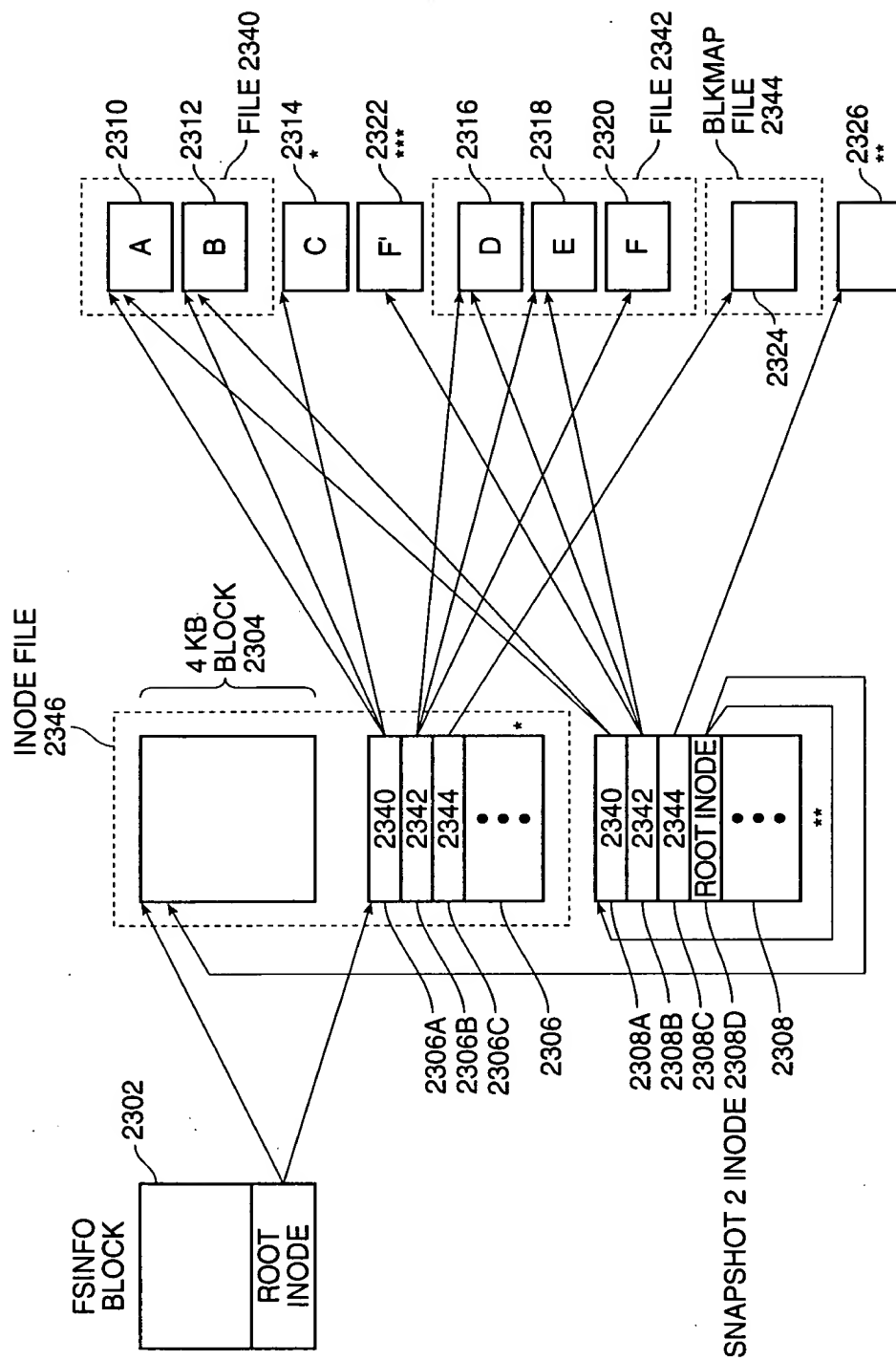


FIG. 21D

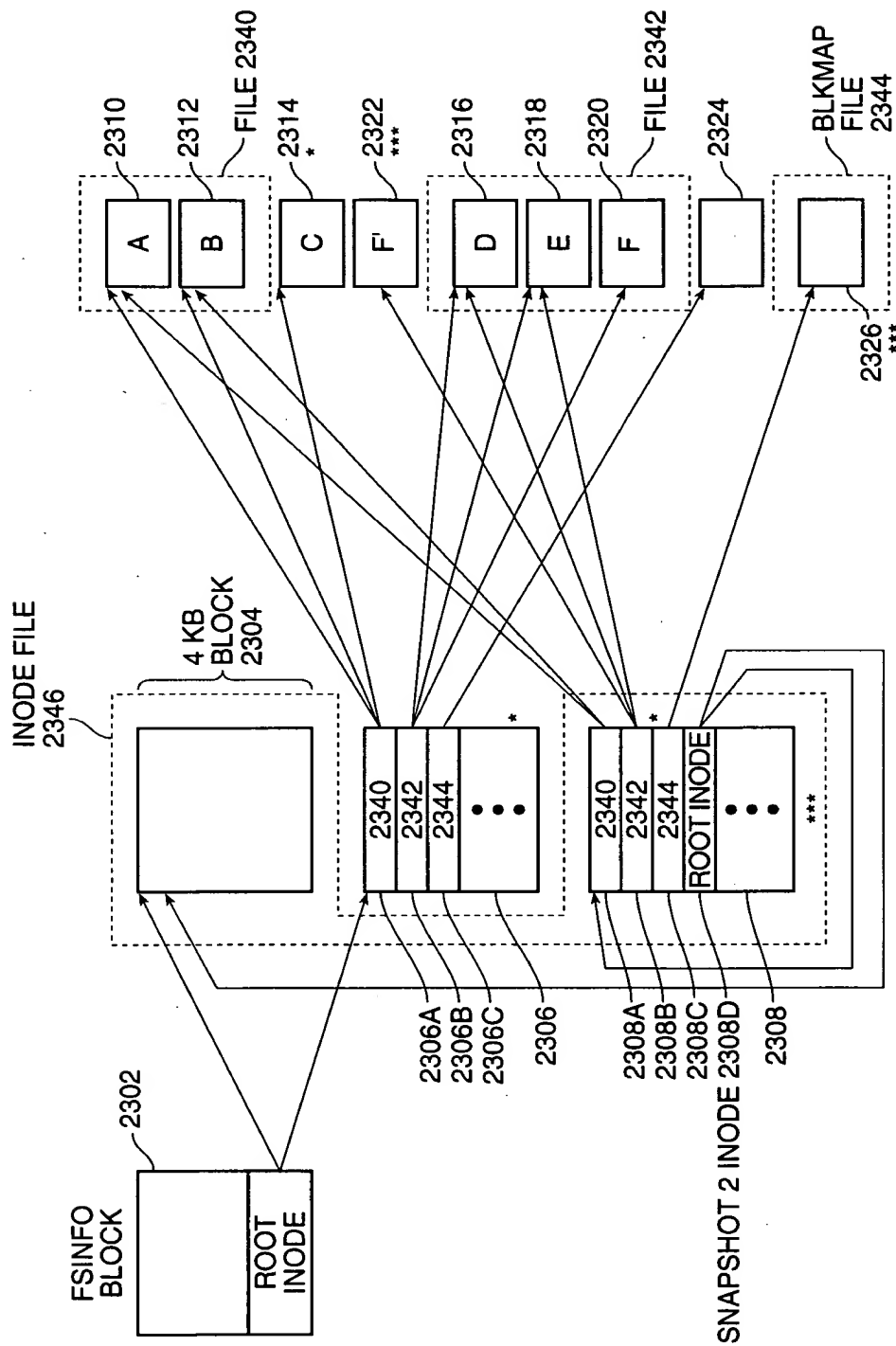


FIG. 21F

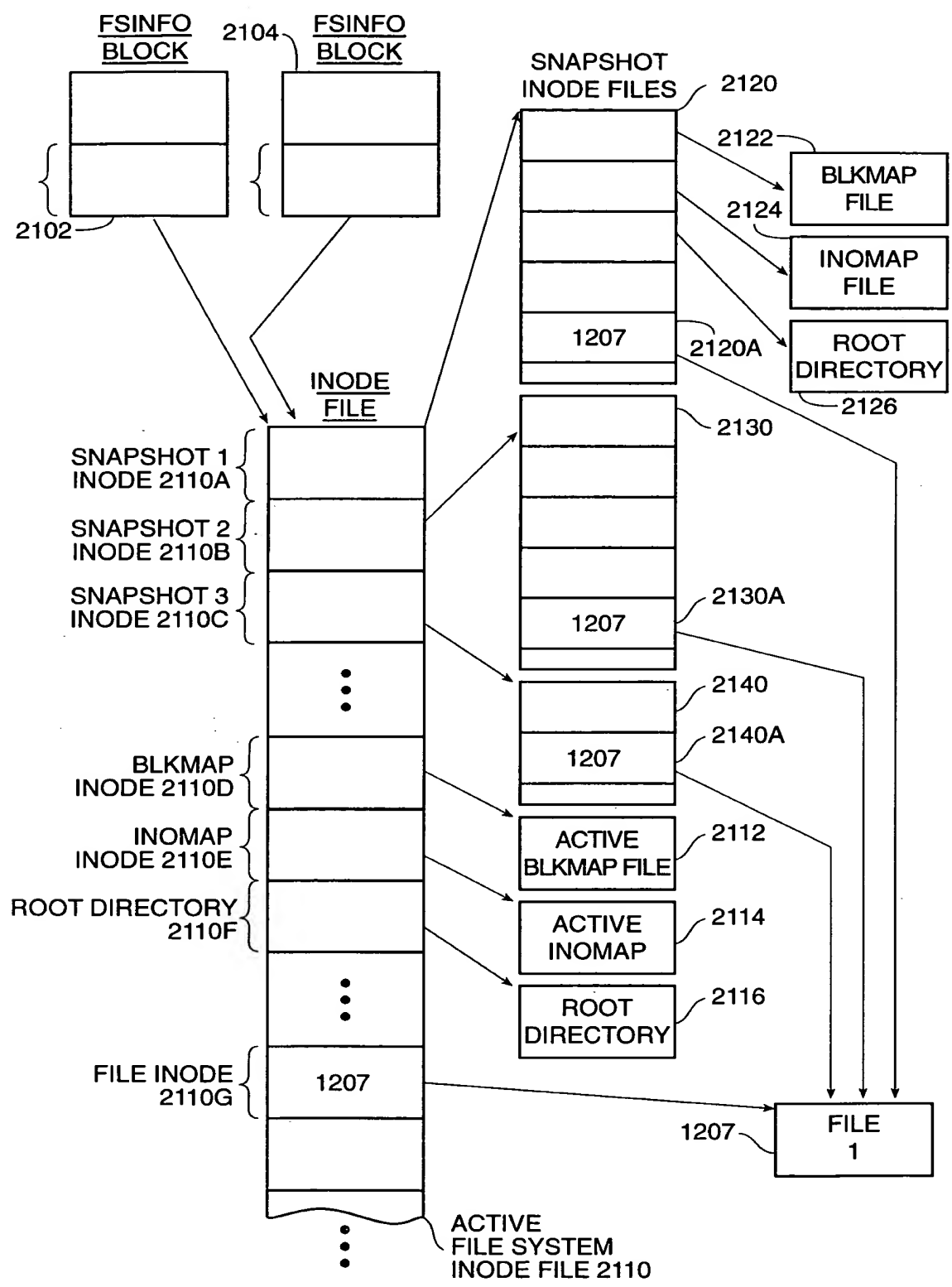


FIG. 22

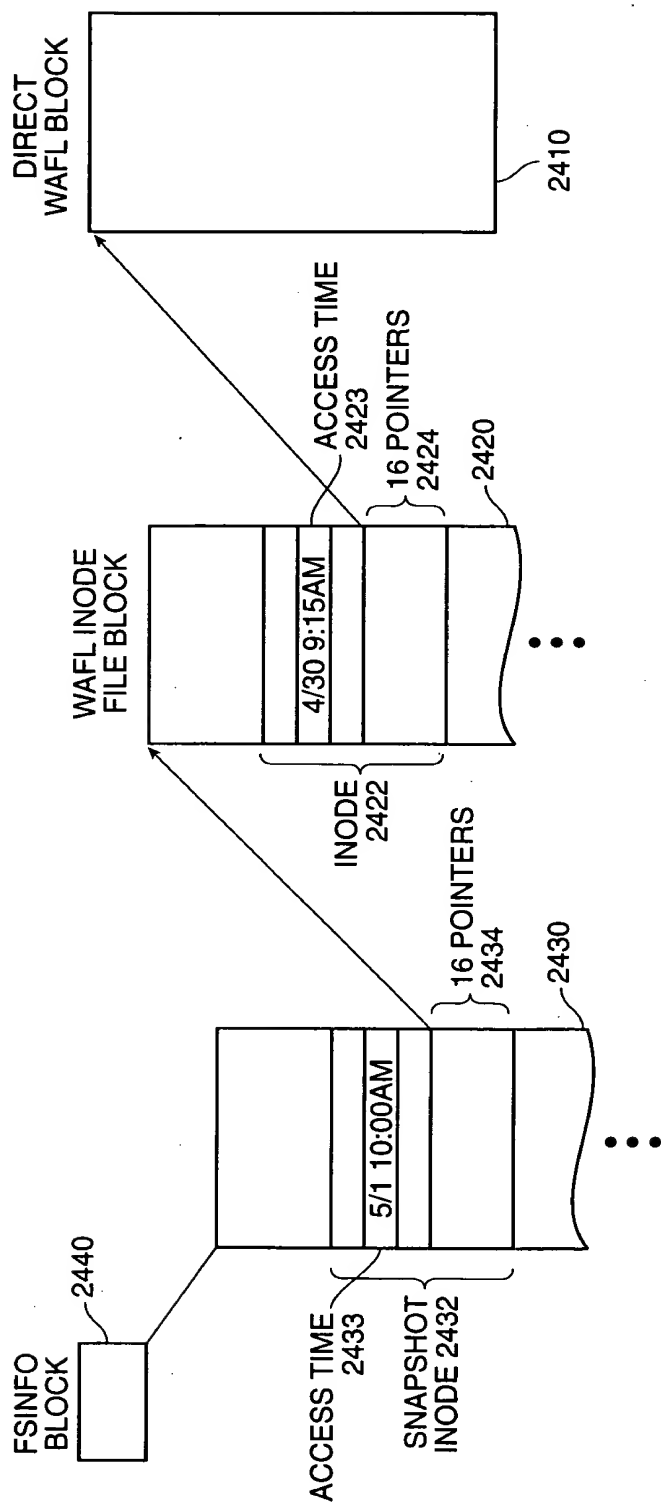


FIG. 23A

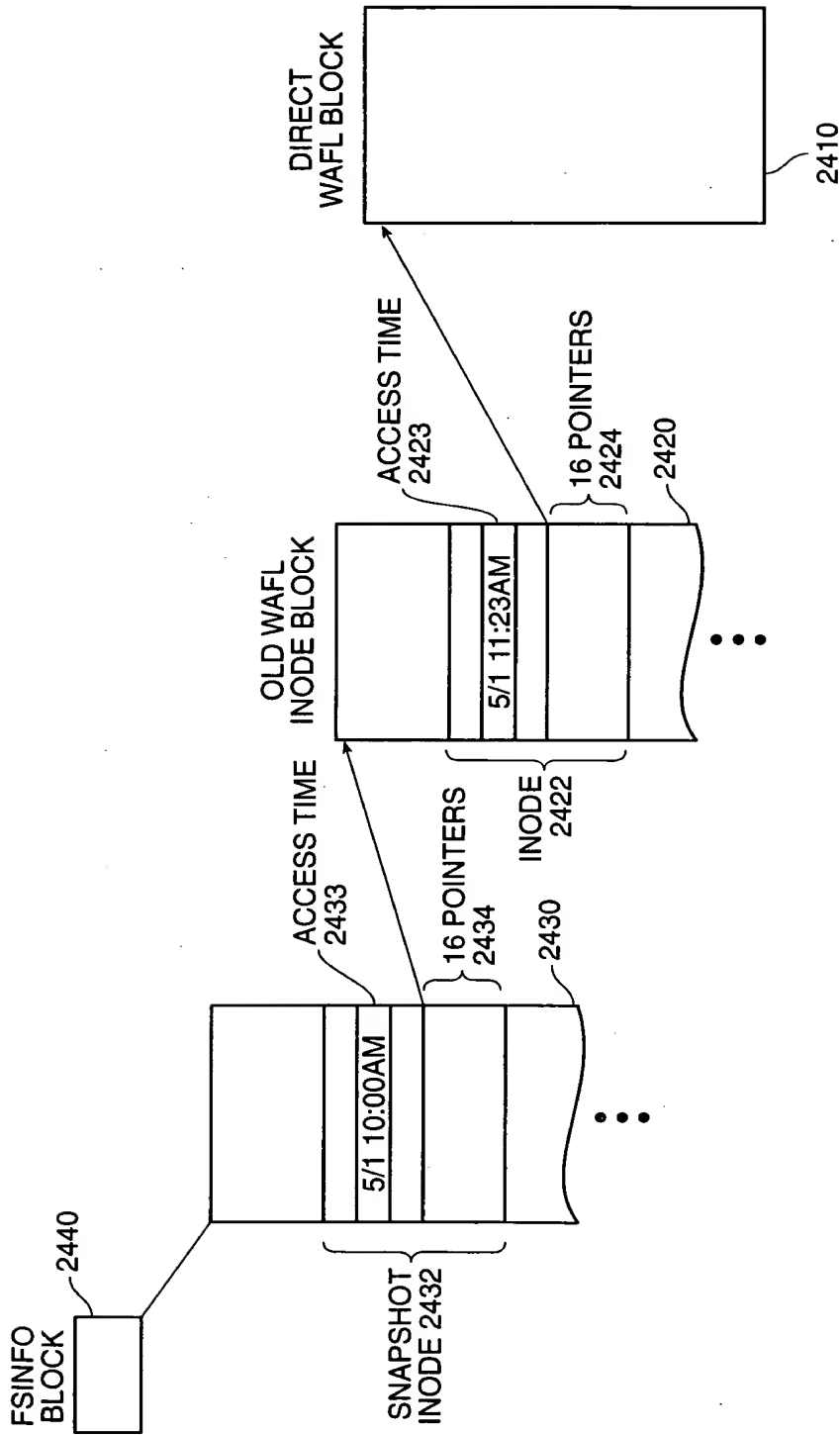


FIG. 23B